



Reference: 093168

July 12, 2005

Ms. Kasey Ashley  
California Regional Water Quality Control Board  
North Coast Region  
5550 Skylane Blvd., Suite A  
Santa Rosa, CA 95403

**Subject: Second Quarter 2005 Groundwater Monitoring Report, Price Trust Property, Crescent City, California; Case No. 1TDN030**

## Introduction

This report presents the results of quarterly groundwater monitoring activities for the second quarter 2005, conducted at the Price Trust Property (Case No. 1TDN030). The site is located at 9<sup>th</sup> and L Streets, in Crescent City, California (Figure 1). SHN Consulting Engineers & Geologists, Inc. (SHN) performed this work on behalf of Charlene Patterson, Trustee of the Price Trust. This report is being prepared at the request of the California Regional Water Quality Control Board, North Coast Region (RWQCB).

## Vicinity Information

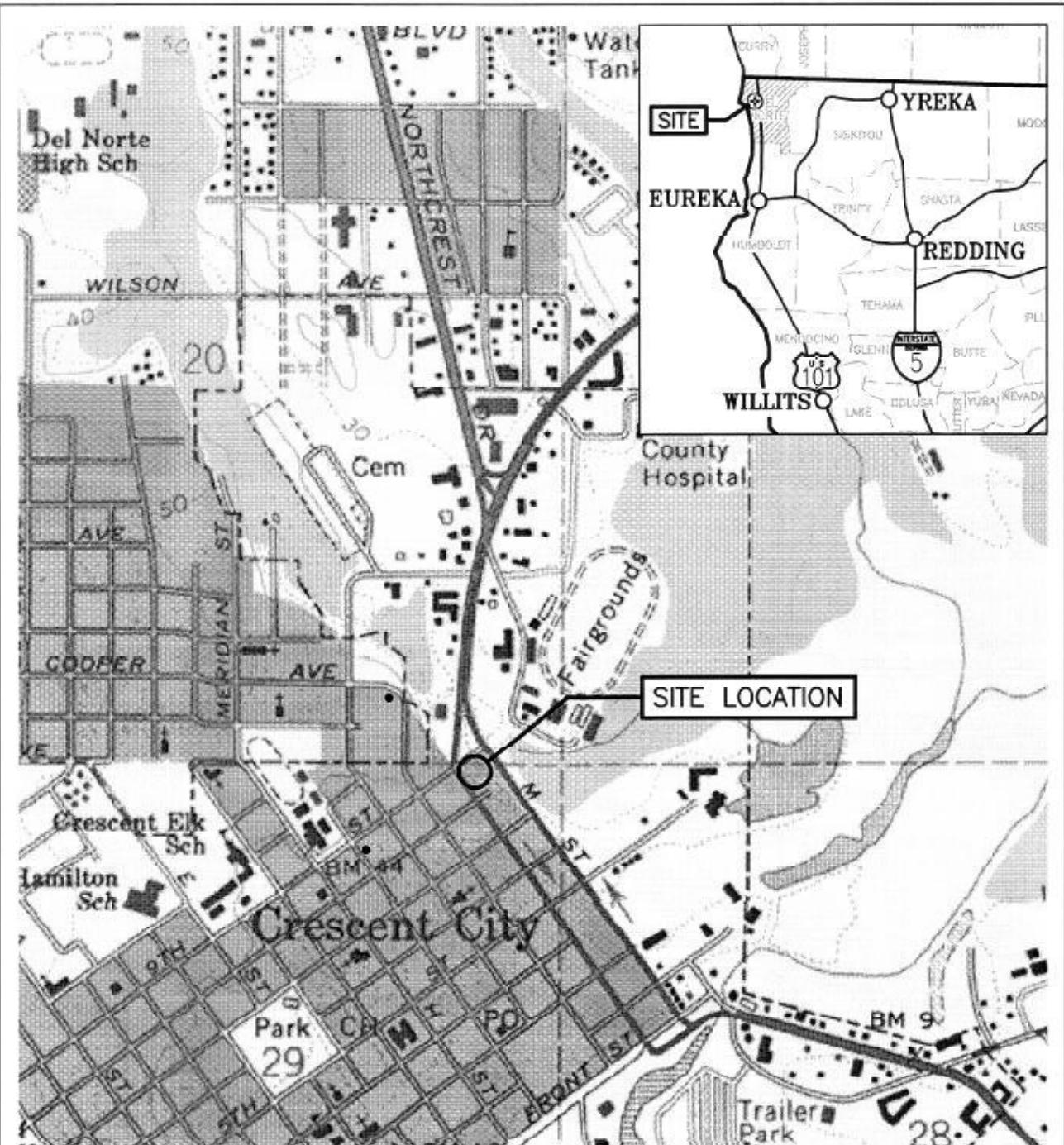
The site is located within the northeast quarter of Section 29, Range 1 West, Township 14 North. The former Underground Storage Tank (UST) location was near the southeast corner of the intersection of Ninth and L Streets, in Crescent City, Del Norte County. U.S. Highway 101 South (L Street) is a one-way, three-lane paved roadway situated to the west of the site, and 9<sup>th</sup> Street is an east-west trending, two-lane paved road situated to the north of the site. Highway, commercial, and residential properties comprise the chief land use in the vicinity of the subject site. The current zoning on the subject parcel is Commercial (C-2). The elevation of the site is approximately 30 feet above Mean Sea Level (MSL). Improvements to the property have been demolished.

## Background

An automotive service and gas station operated on the site from 1930 to 1960. A machine shop operated on the site from 1960 to 1980. The on-site buildings were demolished in 1987, and the foundation was removed in September 2000.

On October 26, 1990, three 550-gallon USTs were closed by removal (Figure 2). Soil samples collected, at the time of the tank removal, indicated that an unauthorized release had occurred. Analytical results from this tank removal are summarized in the *Corrective Action Plan for the Price Trust Site* (SHN, 1997).

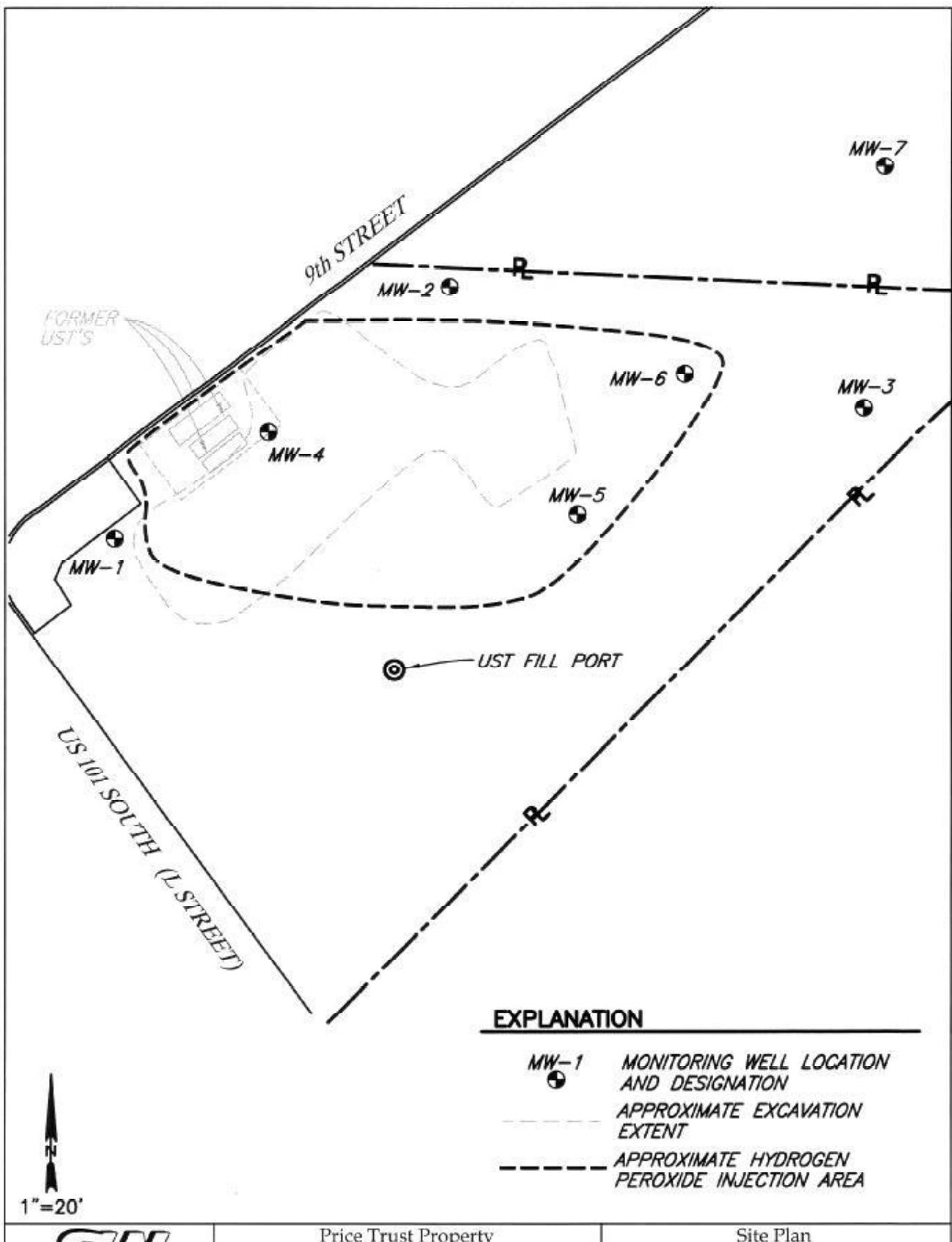
In May 1994, SHN directed overexcavation activities at the former UST location, during which widespread soil contamination was discovered. Overexcavation of the area was kept to a minimum, and a soil investigation was completed in an attempt to delineate the lateral extent of soil contamination. Approximately 60 cubic yards ( $yd^3$ ) of contaminated soil were excavated and stockpiled on site, and 15 Test Pits (TP-1 through TP-15) were excavated. Analytical results from this investigation are also summarized in the *Corrective Action Plan for the Price Trust Site* (SHN, 1997).



SOURCE: CRESCENT CITY  
USGS 7.5 MINUTE  
QUADRANGLE

1" = 1000'

SHN Consulting Engineers & Geologists, Inc.	Price Trust Property 9th and L Streets Crescent City, California	Site Location Map	
		AUGUST 2003	093168-LOCATION
			Figure 1



Price Trust Property 9th and L Streets Crescent City, California	Site Plan
SHN 093168	
February, 2004	093168-siteplan

Figure 2

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In December 1996, SHN directed Clear Heart Drilling in the advancement of 12 boreholes (Borings B-101 through B-112) to define the lateral and vertical extent of soil contamination. Results from this investigation indicated that high concentrations of Total Petroleum Hydrocarbons as Gasoline (TPHG) and as Diesel (TPHD) were located at depths of 8 to 11 feet Below Ground Surface (BGS), and moderate concentrations of Total Petroleum Hydrocarbons as Motor Oil (TPHMO) were located at shallower depths. In addition, three of the soil borings were converted to shallow groundwater Monitoring Wells (MW-1, MW-2, and MW-3). Details of this investigation are summarized in the *Corrective Action Plan for the Price Trust Site* (SHN, 1997).

On July 23, 1998, SHN representatives directed Beacom Construction during the excavation of 14 test pits at the site (B-200 to B-213). Test pits were excavated to a depth of approximately 12 feet, which was near the soil-groundwater interface. Two soil samples were collected from each test pit and sent to a California-certified analytical laboratory for analysis. SHN installed temporary well points at four of the test pit locations. Hydraulic conductivity measurements were made on the three site monitoring wells. Results of this investigation are included in the remedial action plan amendment for the Price Trust site (SHN, 1999).

From September 11–13, 2000, SHN directed Hake Construction in the over-excavation of hydrocarbon-contaminated soil as part of an approved Remedial Action Plan (RAP).

Approximately 416 tons of soil (approximately 310 yd<sup>3</sup>) were removed and properly disposed. Verification soil samples were collected. Results of this remedial action are presented in the *Overexcavation Report of Findings* (SHN, 2001).

Quarterly groundwater monitoring has been conducted at the site since January 2001. In April 2001, SHN supervised the installation of monitoring wells MW-4 and MW-5 at the site.

On September 12, 2001, SHN supervised the installation of monitoring well MW-6.

In November 2001, SHN performed a sensitive receptor survey for a 1,000-foot radius from the site. No impacts to any receptors were identified.

In November 2002, SHN supervised the installation of monitoring well MW-7.

On November 25, 2003, SHN supervised the installation of three soil borings (PS-1, PS-2, and PS-3) using a truck-mounted Geoprobe® rig operated by Fisch Environmental of Valley Springs, California. Soil borings were extended to a maximum depth of 16 feet BGS. Soil and groundwater samples were submitted to Dr. Richard Watts at the Washington State University Chemical Oxidation Research Laboratory for a bench scale treatability study to determine the optimal amount of hydrogen peroxide required to oxidize petroleum hydrocarbons in the subsurface (SHN, 2004).

From November 9–19, 2004, SHN supervised Fisch Environmental in the injection of citric acid and hydrogen peroxide at the site. Approximately 2,600 gallons of citric acid solution and 3,500 gallons of 10% hydrogen peroxide were injected through 54 temporary injection points (SHN, 2005).

## Geology and Hydrology

Regional geology in the vicinity of the site was mapped as Quaternary age marine terrace and sand dune deposits (Battery Formation) (Davenport, 1982). In general, underlying soils consist of 1-8 feet of fill material underlain by fine-grained clayey or silty sands.

Groundwater flow is typically to the northeast, with an average gradient of 0.027 feet per foot (ft/ft). Groundwater levels average approximately 10 feet BGS with seasonal fluctuations of approximately 5 feet.

## Field Activities

### Monitoring Well Sampling

On April 4, 2005, monitoring wells MW-1 through MW-7 were sampled. Prior to sampling, each well was checked for the presence of free product (none was observed), measured for depth to water and total depth, and monitored for Dissolved Oxygen (DO), Dissolved Carbon Dioxide (DCO<sub>2</sub>), and Oxidation-Reduction Potential (ORP). DO and ORP were measured using portable instrumentation, and DCO<sub>2</sub> was measured using a field test kit.

Each well was purged of at least three casing volumes of water using disposable polyethylene bailers. During well purging, each well was monitored for Electrical Conductivity (EC), temperature, and pH using portable instrumentation. Each groundwater-monitoring well was sampled upon completion of well purging activities.

Groundwater samples were collected using disposable polyethylene bailers and transferred into laboratory-supplied bottles. Water samples were labeled with the project name, project number, sample number, and sample time; then, they were placed in an iced cooler and transported to the laboratory under chain-of-custody documentation. Each groundwater sample was analyzed for constituents described in the "Laboratory Analysis" section.

Field data sheets are included in Attachment 1.

Data will be submitted electronically to the Geotracker database as soon as the electronic files are received from the analytical laboratory.

### Laboratory Analysis

Each groundwater sample collected from the monitoring wells during the Second Quarter 2005 sampling event was analyzed for:

- TPHD and TPHG in general accordance with U.S. Environmental Protection Agency (EPA) Method No. 8015B
- Benzene, Toluene, Ethylbenzene, total Xylenes (BTEX) and Methyl Tertiary Butyl Ether (MTBE) in general accordance with EPA Method No. 8021B
- Alkalinity in general accordance with Standard Method 19<sup>th</sup> Edition 2320B
- Sulfate and nitrate in general accordance with EPA Method No. 300.0

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Select groundwater samples (Table 1) were also analyzed for:

- Chemical Oxygen Demand (COD) in general accordance with EPA Method No. 410.4
- Dissolved metals in general accordance with EPA Methods 200.7 or 200.9

Table 1 Analytical Matrix Price Trust Property, Crescent City, California								
Sample Location	COD <sup>1</sup>	Fe <sup>2</sup>	Mn <sup>3</sup>	Al <sup>4</sup>	Cr <sup>5</sup>	Pb <sup>6</sup>	Ni <sup>7</sup>	As <sup>8</sup>
MW-1		X	X		X			
MW-2	X	X	X	X	X			
MW-3		X	X		X			
MW-4	X	X	X	X	X	X	X	X
MW-5	X	X	X	X				
MW-6	X	X	X	X	X		X	X
MW-7		X	X		X		X	

1. COD: Chemical Oxygen Demand      5. Cr: Dissolved Chromium  
2. Fe: Dissolved Iron      6. Pb: Dissolved Lead  
3. Mn: Dissolved Manganese      7. Ni: Dissolved Nickel  
4. Al: Dissolved Aluminum      8. As: Dissolved Arsenic

Groundwater samples were submitted to North Coast Laboratories, Ltd. of Arcata, California.

### Equipment Decontamination Procedures

Equipment was cleaned using the triple wash system. The equipment was first washed in a water solution containing Liquinox® cleaner, followed by two distilled water rinses.

### Investigation-Derived Waste Management

Water used in the decontamination of equipment, tools, and all purge water from the January 2005 quarterly monitoring event was contained in Department of Transportation (DOT)-approved 17 E/H, 55-gallon drums. The water was then transported to SHN's 1,000-gallon purge water storage tank. Approximately 42 gallons of water were generated during the monitoring event. A disposal receipt will be included in the next quarterly report. A discharge receipt for water generated during the first quarter 2005 sampling event is included in Attachment 1.

## Groundwater Monitoring Results

### Hydrogeology

Prior to well sampling, depth-to-water measurements were taken in wells MW-1 through MW-7. Table 2 shows the groundwater elevations on April 4, 2005.

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**Table 2**  
**Groundwater Elevations, April 4, 2005**  
**Price Trust Property, Crescent City, California**

Sample Location	Top of Casing Elevation (feet MSL <sup>1</sup> )	Depth to Water <sup>2</sup> (feet)	Groundwater Elevation (feet MSL)
MW-1	30.44	6.42	24.02
MW-2	30.46	8.16	22.30
MW-3	28.51	7.73	20.78
MW-4	29.35	5.67	23.68
MW-5	29.09	6.26	22.83
MW-6	31.14	9.55	21.59
MW-7	22.13	2.02	20.11
1. MSL: Mean Sea Level		2. Below top of casing	

On April 4, 2005, the estimated groundwater gradient and flow direction beneath the site was 0.030 ft/ft to the northeast (Figure 3). Historic groundwater elevation data is presented in Attachment 2.

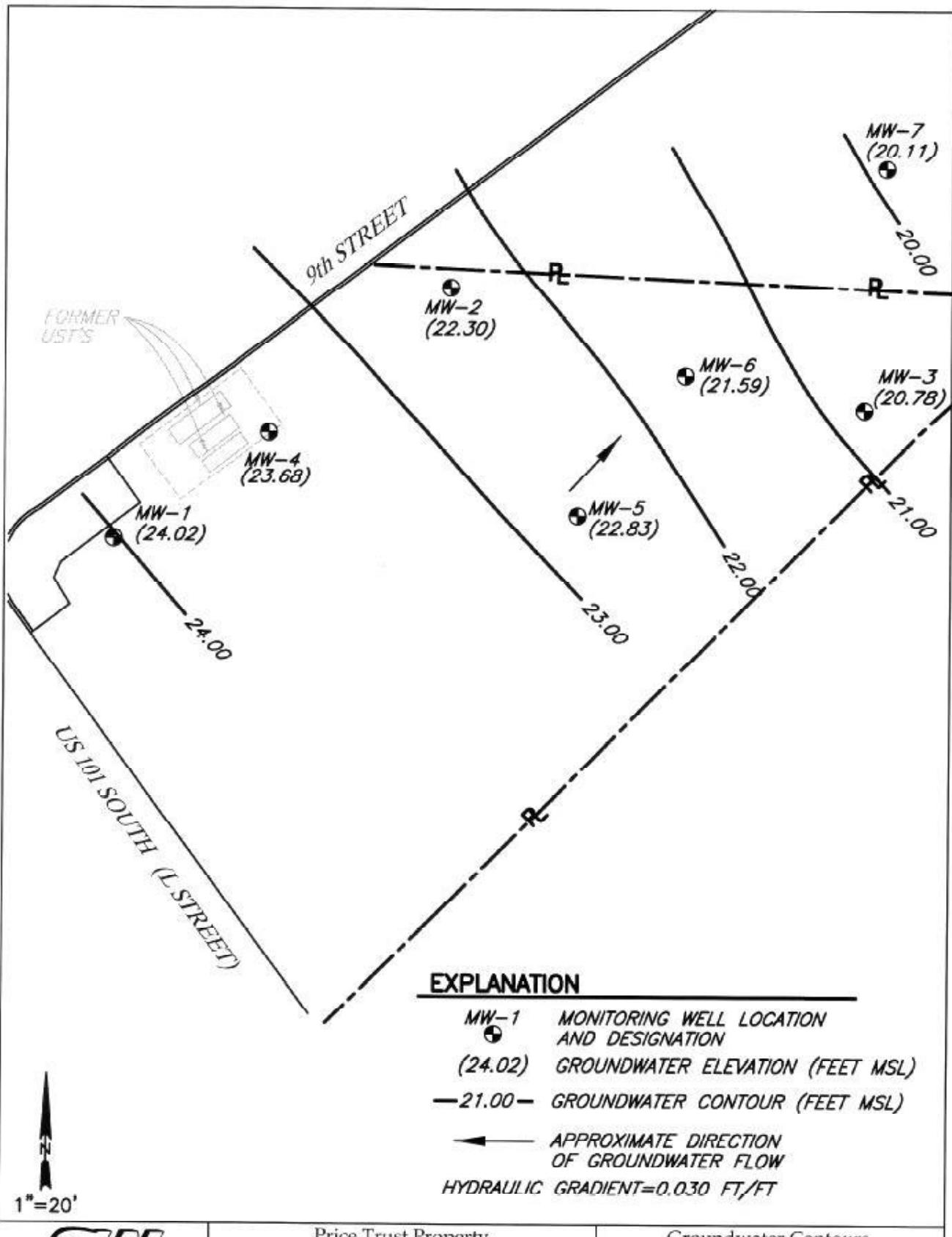
### Groundwater Analytical Results

Groundwater samples from wells MW-1 through MW-7 were collected on April 4, 2005. Analytical results are presented in Tables 3 through 5 and summarized on Figure 4.

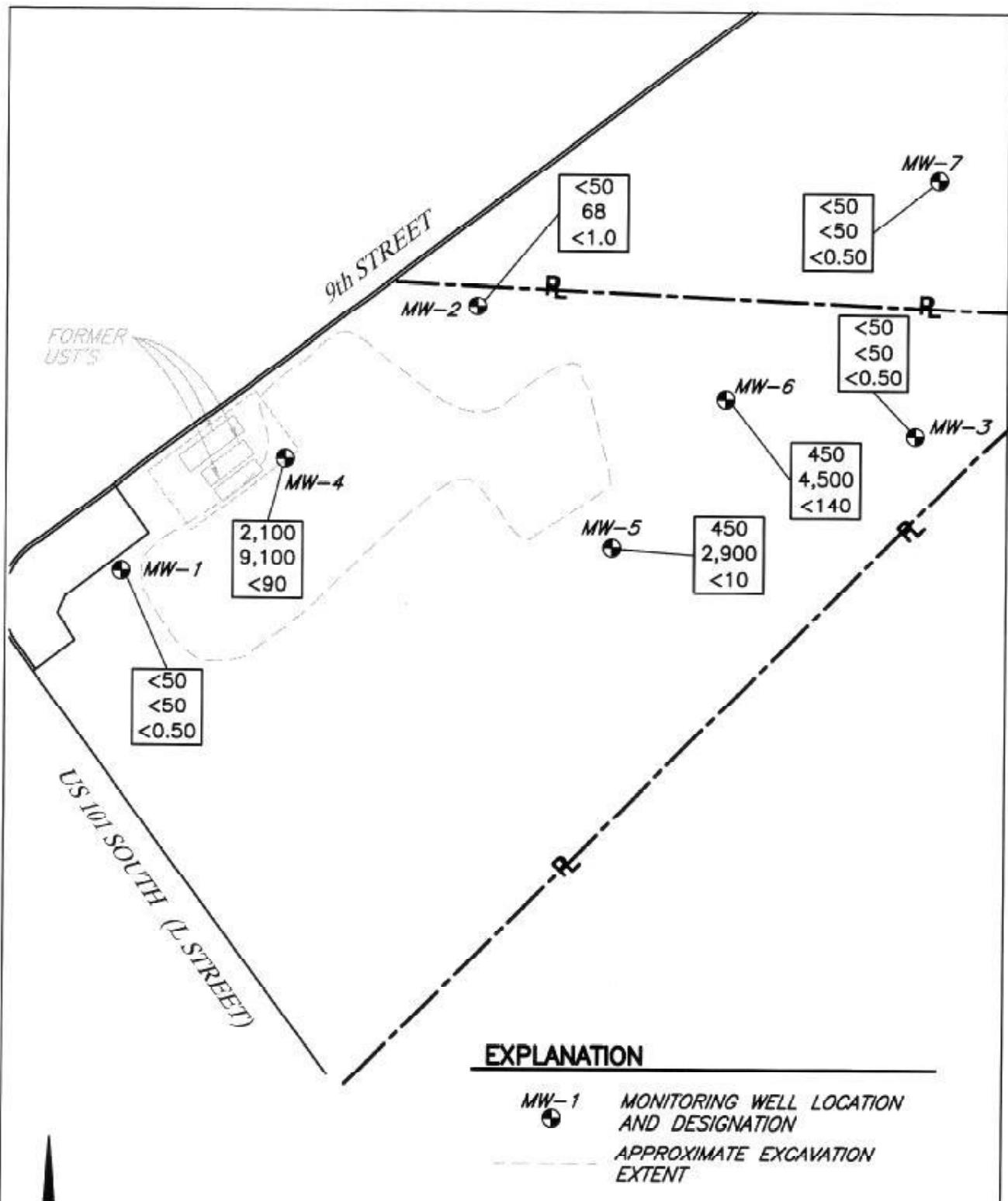
**Table 3**  
**Groundwater Analytical Results, April 4, 2005**  
**Price Trust Property, Crescent City, California**  
(in ug/L)<sup>1</sup>

Sample Location	TPHD <sup>2</sup>	TPHG <sup>2</sup>	Benzene <sup>3</sup>	Toluene <sup>3</sup>	Ethyl-benzene <sup>3</sup>	Total Xylenes <sup>3</sup>	Methyl Tertiary-Butyl Ether <sup>3</sup>
MW-1	<50 <sup>4</sup>	<50	<0.50	<0.50	<0.50	<0.50	<3.0
MW-2	<50	68 <sup>5</sup>	<1.0	<2.0	<0.50	<0.50	<3.0
MW-3	<50	<50	<0.50	<0.50	<0.50	<0.50	<3.0
MW-4	2,100 <sup>6</sup>	9,100 <sup>7</sup>	<90	<300	540	<40	<180
MW-5	450 <sup>6</sup>	2,900 <sup>5</sup>	<10	<30	<20	<10	<12
MW-6	450 <sup>6</sup>	4,500 <sup>7</sup>	<140	<100	320	48	<200
MW-7	<50	<50	<0.50	<0.50	<0.50	<0.50	<3.0

1. ug/L: micrograms per Liter
2. Total Petroleum Hydrocarbons as Diesel (TPHD) and as Gasoline (TPHG) analyzed in general accordance with EPA Method No. 8015B
3. Analyzed in general accordance with EPA Method No. 8021B
4. <: Denotes a value that is "less than" the method detection limit.
5. Sample does not present a peak pattern consistent with that of gasoline. The reported results represents the amount in the gasoline range.
6. Sample contains some material lighter than diesel. However, some of this material extends into the diesel range of molecular weights. These samples also contain material in the diesel range of molecular weights, but the material does not exhibit the peak pattern typical of diesel oil.
7. Results include the reported gasoline components in addition to other peaks in the gasoline range.



 Consulting Engineers & Geologists, Inc.	Price Trust Property 9th and L Streets Crescent City, California	Groundwater Contours April 4, 2005 SHN 093168
APRIL 2005	093168-GWC-APR-05	Figure 3



<b>SH</b> Consulting Engineers & Geologists, Inc.	Price Trust Property 9th and L Streets Crescent City, California	Select Groundwater Analytical Results, April 4, 2005 SHN 093168
	APRIL 2005	093168-GAR-APR-05

Figure 4

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**Table 4**  
**Groundwater Analytical Results-Inorganic Constituents, April 4, 2005**  
**Price Trust Property, Crescent City, California**  
(in mg/L)<sup>1</sup>

Sample Location	Chemical Oxygen Demand	Alkalinity	Sulfate	Nitrate
MW-1	NA <sup>2</sup>	57	24	0.21
MW-2	48	430	0.93	<0.10 <sup>3</sup>
MW-3	NA	180	9.8	<0.10
MW-4	240	480	6.1	<0.10
MW-5	26	190	0.76	<0.10
MW-6	74	180	<0.50	<0.10
MW-7	NA	63	11	1.8

1. mg/L: milligrams per Liter

2. NA: Not Analyzed

3. <: Denotes a value that is "less than" the method detection limit.

Historic analytical data are included in Attachment 2. Laboratory analytical reports are included in Attachment 3.

**Table 5**  
**Groundwater Analytical Results-Dissolved Metals, April 4, 2005**  
**Price Trust Property, Crescent City, California**  
(in ug/L)<sup>1</sup>

Sample Location	Iron	Aluminum	Chromium	Manganese	Nickel	Arsenic	Lead
MW-1	<100 <sup>2</sup>	NA <sup>3</sup>	<10	<2.0	NA	NA	NA
MW-2	38,000	<100	<10	2,400	NA	NA	NA
MW-3	2,600	NA	<10	2,300	NA	NA	NA
MW-4	140,000	620	53	5,300	<20	<10	51
MW-5	22,000	<100	NA	3,600	NA	NA	NA
MW-6	38,000	<100	<10	3,500	<20	<10	NA
MW-7	<100	NA	17	<2.0	<20	NA	NA

1. ug/L: micrograms per Liter

2. <: Denotes a value that is "less than" the method detection limit.

3. NA: Not Analyzed

### Natural Attenuation Parameters

Natural Attenuation Parameters (DO, DCO<sub>2</sub>, and ORP) were measured in each of the groundwater monitoring wells before sampling, and are presented in Table 6. Historic data are included in Attachment 2.

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**Table 6**  
**DO, DCO<sub>2</sub>, and ORP Measurement Results, April 4, 2005**  
**Price Trust Property, Crescent City, California**

Sample Location	DO <sup>1</sup> (ppm) <sup>2</sup>	DCO <sub>2</sub> <sup>3</sup> (ppm)	ORP <sup>4</sup> (mV) <sup>5</sup>
MW-1	<b>8.14</b>	30	124
MW-2	<b>0.80</b>	90	70
MW-3	<b>0.82</b>	75	116
MW-4	<b>0.73</b>	NM	-95
MW-5	<b>0.95</b>	140	-28
MW-6	<b>0.74</b>	200	-8
MW-7	<b>6.91</b>	15	113

1. DO: Dissolved Oxygen, field measured using portable instrumentation.  
2. ppm: Measurement concentration, in parts per million.  
3. DCO<sub>2</sub>: Dissolved Carbon Dioxide, field measured using a field test kit.  
4. ORP: Oxidation-Reduction Potential measured using portable instrumentation.  
5. mV : millivolts.  
6. NM: Not Measured

## Conclusion and Recommendations

The following conclusions are based on information presented in preceding sections:

- No constituents were detected above the method detection limits in groundwater samples from monitoring wells MW-1, MW-3, and MW-7.
- Low concentrations of TPHG were detected in the groundwater sample from MW-2.
- The TPHG concentration in MW-4 was decreased (9,100 micrograms per Liter [ug/L]) when compared to the pre-injection TPHG concentration (12,000 ug/L).
- The TPHG concentration in MW-5 was decreased (2,900 ug/L) when compared to the pre-injection TPHG concentration (3,700 ug/L).
- The TPHG concentration in MW-6 was elevated (4,500 ug/L) when compared to the pre-injection concentration (2,200 ug/L).
- DCO<sub>2</sub> concentrations continue to be elevated in wells MW-2, MW-5, and MW-6, when compared to pre-injection concentrations, while DO concentrations in these wells have returned to pre-injection concentrations.
- The overall reduction in hydrocarbon mass should be observed with reduction in groundwater concentrations in monitoring wells MW-4, MW-5, and MW-6 over the next year.

The following recommendations are based on information presented in preceding sections:

- Continue groundwater monitoring in site wells using the revised analytical program that was used during the first quarter 2005 groundwater monitoring event.
- Remove the existing UST.

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SHN will complete and submit quarterly monitoring reports, no later than 60 days following each quarterly sampling event. The reports will include a description of the monitoring and sampling activities, a summary of results, analytical reports, groundwater elevations, and groundwater contour maps. The next quarterly monitoring event will take place in July 2005.

If you have any questions regarding the work completed, please call me at 707/441-8855.

Sincerely,

SHN Consulting Engineers & Geologists, Inc.



Pat Barsanti  
Project Manager

PNB/RMR:ap:med

- Attachments:
1. Field Notes
  2. Historic Monitoring Data
  3. Laboratory Analytical Reports

copy w/attach: Leon Perreault, DNCDEH  
Charlene Patterson, Price Trust, c/o Patterson Accountancy  
Joe Mendez, Del Norte Realty  
USTCF



## References Cited

- Davenport, C. W. (1982). Geology and Geomorphic Features Related to Landsliding, Crescent City 7.5' Minute Quadrangle, Del Norte County, California. DMG Open File Report 82-21. Scale 1:24,000.
- SHN Consulting Engineers & Geologists, Inc. (1997). *Corrective Action Plan for the Price Trust Site*. Eureka: SHN.
- . (1999). *Soil and Groundwater Investigation, & Remedial Action Plan Amendment*. Eureka: SHN.
- . (2001). *Overexcavation Report of Findings*. Eureka: SHN.
- . (2004). *Bench Scale Test Results and First Quarter 2004 Groundwater Monitoring Report*. Eureka: SHN.
- . (2005). *Fourth Quarter 2004 and Remedial Action Implementation Report*. Eureka: SHN

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**Attachment 1**  
**Field Notes**



## CONSULTING ENGINEERS &amp; GEOLOGISTS, INC.

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812 W. Wabash • Eureka, CA 95501 • Tel: 707.441.8855 • FAX: 707.441.8877 • E-mail: shninfo@shn-engr.com

## DAILY FIELD REPORT

JOB NO.

093168

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PROJECT NAME <i>Price Trust</i>	CLIENT/OWNER <i>Patterson Accountancy Corp.</i>	DAILY FIELD REPORT SEQUENCE NO. 1
GENERAL LOCATION OF WORK <i>Crescent City, CA.</i>	OWNER/CLIENT REPRESENTATIVE <i>Charlene Patterson</i>	DATE <i>7-4-05</i> DAY OF WEEK <i>Monday</i>
TYPE OF WORK <i>Quarterly Sampling</i>	WEATHER <i>Partially clear with showers to clear</i>	PROJECT ENGINEER/ SUPERVISOR <i>Pat Barsanti / Roland Korb</i>
SOURCE & DESCRIPTION OF FILL MATERIAL	KEY PERSONS CONTACTED	TECHNICIAN <i>David R. Lainis</i>

## DESCRIBE EQUIPMENT USED FOR HAULING, SPREADING, WATERING, CONDITIONING, &amp; COMPACTING

- 0748 Arrived at site with Aaron Melody, removed lids and caps on 7 wells, mw-5 had water in flush mount, bailed out.
- 0826 Aaron started taking water levels downing the sounder after each well by scrubbing it with liquid soap then rinsing it with DE water
- 0835 I started taking D.O. readings
- 0905 Aaron started purging mw-7 with a disposable bailer, purge water was caught in a graduated 5 gal. bucket.
- 0932 I started purging mw-1 with a disposable bailer, purge water was caught in a graduated 4 gal. bucket.
- 0950 Aaron sampled mw-7, secured well with cap and lid.
- 1005 I sampled mw-1, secured well with cap and lid.
- 1010 Aaron started purging mw-3 with a disposable bailer, purge water was caught in graduated 5 gal. bucket.
- 1016 I started purging mw-2 with a disposable bailer, purge water was caught in graduated 4 gal. bucket, well went dry
- 1045 Aaron sampled mw-3, secured well with cap and lid.
- 1057 I started purging mw-5 with a disposable bailer, purge water was caught in a graduated 4 gal. bucket.
- 1130 I sampled mw-2, secured well with cap and lid.
- 1132 Aaron started purging mw-6 with a disposable bailer, purge water was caught in a graduated 5 gal. bucket.
- 1145 I sampled mw-5, secured well with cap and lid.
- 1151 I started purging mw-4 with a disposable bailer, purge water was caught in a graduated 4 gal. bucket.
- 1200 Aaron sampled mw-6, secured well with cap and lid.
- 1230 I sampled mw-4, secured well with cap and lid.
- 1242 OFF SITE

Note: All down water and purge water was caught then poured into a 50 gal. plastic drum that I brought then transported to SHN's 1,000 gal. PWS located at 812 W. Wabash Avenue Eureka, CA 42 gallons total.



## **CONSULTING ENGINEERS & GEOLOGISTS, INC.**

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## Groundwater Elevations

Job No.:	093168	Name:	David R. Paine
Client:	PRICE TRUST PROPERTIES	Date:	4-4-05
Location:	CRESCEENT CITY, CA.	Weather:	Partially cloudy with showers



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## EQUIPMENT CALIBRATION SHEET

Name:	<u>David R. Paine</u>			
Project Name:	<u>Price Trust Properties</u>			
Reference No.:	<u>093168</u>			
Date:	<u>4-4-05</u>			
Equipment:	<input checked="" type="checkbox"/> pH & EC	<input type="checkbox"/> PID	<input type="checkbox"/> GTCO <sub>2</sub>	<input type="checkbox"/> GTLEL
	<input type="checkbox"/> Turbidity	<input checked="" type="checkbox"/> Other	<u>Dissolved Oxygen meter YS195</u>	

### Description of Calibration Procedure and Results:

pH & EC meter is calibrated using a 2 buffer method with 7.01 and 4.01, the EC (conductivity) is set at 1413 μS.

D O meter is self calibrating with the Altimeter set at 0.



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### Water Sampling Data Sheet

Project Name:	<u>Pierce Trust</u>	Date/Time:	<u>4-4-05</u>
Project No.:	<u>093168</u>	Sampler Name:	<u>David R. Paine</u>
Location:	<u>Crescent City</u>	Sample Type:	<u>Ground water</u>
Well #:	<u>MW-1</u>	Weather:	<u>Partially clear to clear</u>
Hydrocarbon Thickness/Depth (feet):	<u>NA</u>	Key Needed:	<u>YES</u> <u>Dolphin</u>

$$\begin{array}{l} \text{Total Well Depth} \\ \text{(feet)} \end{array} - \begin{array}{l} \text{Initial Depth to} \\ \text{Water (feet)} \end{array} = \begin{array}{l} \text{Height of Water} \\ \text{Column (feet)} \end{array} \times \begin{array}{l} 0.163 \text{ gal/ft (2-inch well) /} \\ 0.653 \text{ gal/ft (4-inch well)} \end{array} = \begin{array}{l} 1 \text{ Casing Volume} \\ (\text{gal}) \end{array}$$

<u>13.60</u>	<u>6.42</u>	<u>7.18</u>	<u>0.163</u>	<u>1.17</u>
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Time	DO (ppm)	CO <sub>2</sub> (ppm)	ORP (mV)	EC (uS/cm)	Temp (°F)	pH	Water Removed (gal)	Comments
0849	<u>8.14</u>						0 gal.	
0932		<u>30</u>	<u>124</u>				0.25 gal.	
0945				<u>221</u>	<u>56°</u>	<u>6.21</u>	<u>1.25</u> gal.	
948	No Flow thin cell			<u>218</u>	<u>56.3°</u>	<u>6.24</u>	<u>2.50</u> gal.	
				<u>217</u>	<u>56.2°</u>	<u>6.23</u>	<u>3.75</u> gal.	
1005	<u>sample Time</u>							

Purge Method: Hand Bail

Total Volume Removed: 3.75 (gal)

### Laboratory Information

Sample ID	# & Type of Containers	Preservative / Type	Laboratory	Analyses
MW-1	3-40ml vials	YES HCl	NCL	TPHG / BTEX
MW-1	2-60ml vials	None	NCL	TPHD
MW-1	250 plastic	None	NCL	NO <sub>3</sub> , SO <sub>4</sub> , Alk
MW-1	250 plastic	None	NCL	Diss. Metals: Fe, Mn, Cr

Well Condition: Good

Remarks:

Recharged to 6.47 at sampling Time



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## Water Sampling Data Sheet

Project Name:	Perce Trust	Date/Time:	4-4-05
Project No.:	093168	Sampler Name:	David R. Parma
Location:	Crescent City	Sample Type:	Ground water
Well #:	MW-2	Weather:	Partially clear
Hydrocarbon Thickness/Depth (feet):	NA	Key Needed:	YES Dolphin

$$\begin{array}{ccccccccc} \text{Total Well Depth} & & \text{Initial Depth to} & & \text{Height of Water} & & \times & & \text{1 Casing Volume} \\ (\text{feet}) & & \text{Water (feet)} & = & \text{Column (feet)} & & \times & & (\text{gal}) \\ \boxed{15.52} & - & \boxed{8.16} & = & \boxed{7.36} & & \times & \boxed{0.163} & = \boxed{1.20} \end{array}$$

Time	DO (ppm)	CO <sub>2</sub> (ppm)	ORP (mV)	EC (uS/cm)	Temp (°F)	pH	Water Removed (gal)	Comments
0903	0.80						0 gal.	
1016		90	70				0.25 gal.	
1024	↓			701	57.1°	6.42	1.25 gal.	
1030	No Flow			1142	57.7°	6.58	2.50 gal.	
1036	thin cell			1187	57.7°	6.69	3.25 gal.	Dry
1052				1049	58°	6.69	5 gal.	Dry
1130	sample Time							

Purge Method: Hand Bail

Total Volume Removed: 5.00 (gal)

## Laboratory Information

Sample ID	# & Type of Containers	Preservative / Type	Laboratory	Analyses
MW-2	3-40ml vials	YES HCl	NCL	TPHG / BTEX
MW-2	2-60ml vials	None	NCL	TPHD
MW-2	250 plastic	None	NCL	NO <sub>3</sub> , SO <sub>4</sub> , Alk
MW-2	250 plastic	None	NCL	Diss. Metals: Fe, Mn, Al,
MW-2	125 ml Amber	YES H <sub>2</sub> SO <sub>4</sub>	NCL	COD

Well Condition: Good

Remarks:

Recharged to 9.71 at sampling time



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## Water Sampling Data Sheet

Project Name: Pierce Trust Date/Time: 4-4-05  
Project No.: 093168 Sampler Name: Aaron Melody  
Location: Crescent City Sample Type: Ground water  
Well #: MW ~ 3 Weather: Partially clear to clear  
Hydrocarbon Thickness/Depth (feet): N/A Key Needed: YES Dolphin

Total Well Depth (feet)	Initial Depth to Water (feet)	=	Height of Water Column (feet)	x	0.163 gal/ft (2-inch well)/ 0.653 gal/ft (4-inch well)	=	1 Casing Volume (gal)
15.60	7.73	=	7.87	x	0.163	=	1.28

Time	DO (ppm)	CO <sub>2</sub> (ppm)	ORP (mV)	EC (uS/cm)	Temp (°F)	pH	Water Removed (gal)	Comments
0855	0.82						0 gal.	
1010		75	116				0.25 gal.	
1020	↓			445	57.1	6.16	1.50 gal.	
1026	No Flow			440	57.1	6.15	2.75 gal.	
1030	then cell			445	57.2	6.18	4.0 gal.	
1045	1045 sample	Time						

Purge Method: Hand Bail

Total Volume Removed: \_\_\_\_\_ (gal)

## Laboratory Information

Sample ID	# & Type of Containers	Preservative / Type	Laboratory	Analyses
MW-3	3-40ml vials	YES HCl	NCL	TPHG / BTEX
MW-3	2-60ml vials	None	NCL	TPHD
MW-3	250 plastic	None	NCL	NO <sub>3</sub> , SO <sub>4</sub> , Alk
MW-3	250 plastic	None	NCL	Diss. Metals: Fe, Mn, Cr

Well Condition: Good

### Remarks

Recharged to 7.86 at sampling Time (1045)



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## Water Sampling Data Sheet

Project Name: Price Trust Date/Time: 4-4-05  
Project No.: 093168 Sampler Name: David R. Payne  
Location: Crescent City, CA Sample Type: Ground water  
Well #: MW-4 Weather: Partially clear to clear  
Hydrocarbon Thickness/Depth (feet): NA Key Needed: YES Dolphin

Total Well Depth (feet)	Initial Depth to Water (feet)	=	Height of Water Column (feet)	x	0.163 gal/ft (2-inch well) / 0.653 gal/ft (4-inch well)	=	1 Casing Volume (gal)
<u>14.35</u>	<u>5.67</u>	=	<u>8.68</u>	x	<u>0.163</u>	=	<u>1.41</u>

Time	DO (ppm)	CO <sub>2</sub> (ppm)	ORP (mV)	EC (uS/cm)	Temp (°F)	pH	Water Removed (gal)	Comments
<u>0926</u>	<u>0.73</u>						<u>0 gal.</u>	
<u>1151</u>			<u>-95</u>				<u>0.25 gal.</u>	
<u>1211</u>				<u>1310</u>	<u>58°</u>	<u>6.31</u>	<u>1.50 gal.</u>	
<u>1216</u>	<u>No Flow</u>			<u>1266</u>	<u>58°</u>	<u>6.32</u>	<u>3 gal.</u>	
<u>1220</u>	<u>thru coll</u>			<u>1227</u>	<u>58°</u>	<u>6.31</u>	<u>4.25 gal.</u>	
<u>1230</u>								

Purge Method: Hand BailTotal Volume Removed: 4.25 (gal)

## Laboratory Information

Sample ID	# & Type of Containers	Preservative/ Type	Laboratory	Analyses
<u>MW-4</u>	<u>3 - 4cm1 VOR's</u>	<u>YES HCl</u>	<u>NCL</u>	<u>TPHg, BTEX</u>
<u>MW-4</u>	<u>2 - 6cm1 VOR's</u>	<u>None</u>	<u>NCL</u>	<u>TPHg</u>
<u>MW-4</u>	<u>125 ml Amber</u>	<u>YES 1/2 soy</u>	<u>NCL</u>	<u>COD</u>
<u>MW-4</u>	<u>250ml plastic</u>	<u>None</u>	<u>NCL</u>	<u>NO<sub>3</sub>, SO<sub>4</sub>, AlK</u>
<u>MW-4</u>	<u>250ml plastic</u>	<u>None</u>	<u>NCL</u>	<u>Diss. Metals Al, Fe, Cr, Pb, Ni, As</u>

Well Condition: 2 stripped out flanges

Remarks:

Recharged to 5.67 at sampling Time



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### Water Sampling Data Sheet

Project Name:	<u>Pierce Trust</u>	Date/Time:	<u>4-4-05</u>
Project No.:	<u>093168</u>	Sampler Name:	<u>David R. Payne</u>
Location:	<u>Crescent City</u>	Sample Type:	<u>Ground water</u>
Well #:	<u>MW-5</u>	Weather:	<u>Partially clear to clear</u>
Hydrocarbon Thickness/Depth (feet):	<u>NA</u>	Key Needed:	<u>YES Dolphin</u>

$$\begin{array}{l} \text{Total Well Depth} \quad \text{Initial Depth to} \\ (\text{feet}) \qquad \qquad \text{Water (feet)} \end{array} = \begin{array}{l} \text{Height of Water} \\ \text{Column (feet)} \end{array} \times \begin{array}{l} 0.163 \text{ gal/ft (2-inch well) /} \\ 0.653 \text{ gal/ft (4-inch well) } \end{array} = \begin{array}{l} 1 \text{ Casing Volume} \\ (\text{gal}) \end{array}$$

<u>14.35</u>	<u>6.26</u>	<u>8.09</u>	<u>0.163</u>	<u>1.32</u>
--------------	-------------	-------------	--------------	-------------

Time	DO (ppm)	CO <sub>2</sub> (ppm)	ORP (mV)	EC ( $\mu$ S/cm)	Temp (°F)	pH	Water Removed (gal)	Comments
0915	<u>0.95</u>						0 gal.	
1057		<u>140</u>	<u>-28</u>				<u>0.25</u> gal.	
1106				<u>471</u>	<u>58°</u>	<u>6.53</u>	<u>1.50</u> gal.	
1110	No Flow			<u>496</u>	<u>58°</u>	<u>6.58</u>	<u>2.75</u> gal.	
1114	thru cull			<u>529</u>	<u>58.2°</u>	<u>6.55</u>	<u>4</u> gal.	
1119				<u>512</u>	<u>58.2°</u>	<u>6.56</u>	<u>5.25</u> gal.	
1145	sample Time							

Purge Method: Hand Bail

Total Volume Removed: 5.25 (gal)

#### Laboratory Information

Sample ID	# & Type of Containers	Preservative / Type	Laboratory	Analyses
MW-5	3-40ml vials	YES HCl	NCL	TPHg / BTEX
MW-5	2-60ml vials	None	NCL	TPHD
MW-5	250 plastic	None	NCL	NO <sub>3</sub> , SO <sub>4</sub> , Alk
MW-5	250 plastic	None	NCL	Diss. metals: Fe, Mn, Al,
MW-5	125 ml Amber	YES H <sub>2</sub> SO <sub>4</sub>	NCL	COD

Well Condition: One broken flange

Remarks:

Recharged to 7.01 at sampling time



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### Water Sampling Data Sheet

Project Name:	Perce Trust	Date/Time:	4-4-05
Project No.:	093168	Sampler Name:	Aaron Melody
Location:	Crescent City	Sample Type:	Ground water
Well #:	MW-6	Weather:	Partially clean to clear
Hydrocarbon Thickness/Depth (feet):	NA	Key Needed:	YES Dolphin

$$\text{Total Well Depth (feet)} - \text{Initial Depth to Water (feet)} = \text{Height of Water Column (feet)} \times \frac{0.163 \text{ gal/ft (2-inch well)}}{0.653 \text{ gal/ft (4-inch well)}} = \text{1 Casing Volume (gal)}$$

18.60	-	7.55	=	9.05	$\times$	0.163	=	1.48
-------	---	------	---	------	----------	-------	---	------

Time	DO (ppm)	CO <sub>2</sub> (ppm)	ORP (mV)	EC (uS/cm)	Temp (°F)	pH	Water Removed (gal)	Comments
0913	0.74						0 gal.	
1132		200	-8				0.25 gal.	
1138				503	57.0	6.49	1.50 gal.	
1144	No Flow			513	57.2	6.50	3.0 gal.	
1150	thru cell			521	57.4	6.53	4.50 gal.	
1200	sample Time							

Purge Method: Hand Bail

Total Volume Removed: \_\_\_\_\_ (gal)

### Laboratory Information

Sample ID	# & Type of Containers	Preservative / Type	Laboratory	Analyses
MW-6	3-40ml vials	YES HCl	NCL	TPHG / BTEX
MW-6	2-60ml vials	None	NCL	TPHD
MW-6	250 plastic	None	NCL	NO <sub>3</sub> , SO <sub>4</sub> , Alk
MW-6	250 plastic	None	NCL	Diss. Metals: Fe, Mn, Al, Cu
MW-6	125 ml Amber	YES H <sub>2</sub> SO <sub>4</sub>	NCL	

Well Condition: Good

Remarks:

Recharged to 12.01' at sampling Time (1200)



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## Water Sampling Data Sheet

Project Name:	Peace Trust	Date/Time:	4-4-05
Project No.:	093168	Sampler Name:	Aaron Melady
Location:	Crescent City	Sample Type:	Ground water
Well #:	MW-7	Weather	Partially clean to clear
Hydrocarbon Thickness/Depth (feet):	NA	Key Needed:	YES Dolphin

$$\begin{array}{l} \text{Total Well Depth} \quad \text{Initial Depth to} \\ (\text{feet}) \quad \text{Water (feet)} \end{array} = \begin{array}{l} \text{Height of Water} \\ \text{Column (feet)} \end{array} \times \begin{array}{l} 0.163 \text{ gal/ft (2-inch well) /} \\ 0.653 \text{ gal/ft (4-inch well) } \end{array} = \begin{array}{l} 1 \text{ Casing Volume} \\ (\text{gal}) \end{array}$$

17.90	-	2.02	=	15.88	x	0.163	=	2.59
-------	---	------	---	-------	---	-------	---	------

Time	DO (ppm)	CO <sub>2</sub> (ppm)	ORP (mV)	EC (uS/cm)	Temp (°F)	pH	Water Removed (gal)	Comments
0840	4.91						0 gal	
0916	1.5	113					0.25 gal	
0924	No Flow			218	56.8	6.64	2.75 gal	
0930	than cell			217	56.7	6.65	5.50 gal	
				219	56.8	6.68	8.0 gal	
0950	sample Time							

Purge Method: Hand Bail

Total Volume Removed: 8.0 (gal)

## Laboratory Information

Sample ID	# & Type of Containers	Preservative / Type	Laboratory	Analyses
MW-7	3-40ml vials	YES HCl	NCL	TPHg / BTEX
MW-7	2-60ml vials	None	NCL	TPHg
MW-7	250 plastic	None	NCL	NO <sub>3</sub> , SO <sub>4</sub> , Alk
MW-7	250 plastic	None	HCL	Diss. Metals: Fe, Mn, Cr, Ni

Well Condition: Good

Remarks:

Recharged to 2.10 at sampling Time (0950)

Client Name: **PRICE TRUST PROPERTY**

---

The water from your site: **9<sup>th</sup>&L STREETS CRESCENT CITY, CA  
UST # 1TDN030**

---

SHN ref #: **093168**      Collected On: **1/11/05**

---

Has been tested and certified as acceptable to be discharged into the City of Eureka municipal sewer system.

---

Amount Discharged: **92 GALLONS**

---

Date Discharged: **2/28/05**

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Certified by: **DAVID R. PAINÉ**

---

**SHN CONSULTING ENGINEERS & GEOLOGISTS, INC.**  
City of Eureka Wastewater Discharge Permit #65

**Attachment 2**

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**Historic Monitoring Data**

**Table 2-1**  
**Groundwater Elevation Summary**  
**Price Trust Property, Crescent City, California**

Sample Location	Date Measured	Top of Casing Elevation (feet MSL) <sup>1</sup>	Depth to Water <sup>2</sup> (feet)	Groundwater Elevation (feet MSL)
MW-1	01/12/01	30.44	9.87	20.57
	04/05/01		9.38	21.06
	10/12/01	30.44 <sup>3</sup>	11.90	18.54
	01/09/02		5.06	25.38
	04/05/02		7.66	22.78
	07/02/02		9.57	20.87
	10/09/02		11.63	18.81
	12/05/02		12.86	17.58
	01/06/03		5.81	24.63
	04/08/03		5.10	25.34
	07/09/03		9.10	21.34
	10/08/03		11.18	19.26
	01/07/04		5.52	24.92
	04/14/04		7.55	22.89
	07/08/04		9.82	20.62
	11/01/04		10.76	19.68
	11/23/04		11.87	18.57
MW-2	01/12/01	30.53	10.72	19.81
	04/05/01		10.49	20.04
	10/12/01	30.46 <sup>3</sup>	12.88	17.58
	01/09/02		7.78	22.68
	04/05/02		9.43	21.03
	07/02/02		10.81	19.65
	10/09/02		12.48	17.98
	12/05/02		12.32	18.14
	01/06/03		8.14	22.32
	04/08/03		7.82	22.64
	07/09/03		10.53	19.93
	10/08/03		12.11	18.35
	01/07/04		8.84	21.62
	04/14/04		9.43	21.03
	07/08/04		11.05	19.41
	11/01/04		11.07	19.39
	11/23/04		11.35	19.11
MW-3	01/12/01	28.52	9.73	18.79
	04/05/01		9.81	18.71
	10/12/01	28.51 <sup>3</sup>	11.42	17.09
	01/09/02		7.78	20.73
	04/05/02		9.20	19.31
	07/02/02		10.04	18.47
	10/09/02		11.17	17.34

**Table 2-1**  
**Groundwater Elevation Summary**  
**Price Trust Property, Crescent City, California**

Sample Location	Date Measured	Top of Casing Elevation (feet MSL) <sup>1</sup>	Depth to Water <sup>2</sup> (feet)	Groundwater Elevation (feet MSL)
MW-3 cont'd	12/05/02		11.18	17.33
	01/06/03		8.15	20.36
	04/08/03		7.86	20.65
	07/09/03		9.72	18.79
	10/08/03		10.78	17.73
	01/07/04		7.89	20.62
	04/14/04		8.93	19.58
	07/08/04		9.91	18.60
	11/01/04		10.15	18.36
	11/23/04		10.26	18.25
	01/11/05		8.22	20.29
	04/04/05		7.73	20.78
MW-4	04/05/01	29.33	8.50	20.83
	10/12/01	29.35 <sup>3</sup>	10.94	18.41
	01/09/02		4.72	24.63
	04/05/02		6.87	22.48
	07/02/02		8.64	20.71
	10/09/02		10.67	18.68
	12/05/02		10.86	18.49
	01/06/03	29.35	5.30	24.05
	04/08/03		4.66	24.69
	07/09/03		8.21	21.14
	10/08/03		10.21	19.14
	01/07/04		5.18	24.17
	04/14/04		6.79	22.56
	07/08/04		8.88	20.47
	11/01/04		9.78	19.57
	11/23/04		9.89	19.46
	01/11/05		6.19	23.16
	04/04/05		5.67	23.68
MW-5	04/05/01	29.09	9.12	19.97
	10/12/01		11.45	17.64
	01/09/02		6.06	23.03
	04/05/02		7.88	21.21
	07/02/02		9.44	19.65
	10/09/02		11.16	17.93
	12/05/02		11.26	17.83
	01/06/03		6.52	22.57
	04/08/03		6.12	22.97
	07/09/03		9.02	20.07
	10/08/03		10.72	18.37
	01/07/04		6.35	22.74
	04/14/04		6.67	22.42
	07/08/04		9.52	19.57
	11/01/04		10.11	18.98

**Table 2-1**  
**Groundwater Elevation Summary**  
**Price Trust Property, Crescent City, California**

Sample Location	Date Measured	Top of Casing Elevation (feet MSL) <sup>1</sup>	Depth to Water <sup>2</sup> (feet)	Groundwater Elevation (feet MSL)
	11/23/04		10.20	18.89
MW-5 cont'd	01/11/05		6.91	22.18
	04/04/05		6.26	22.83
MW-6	10/12/01	31.14	14.01	17.13
	01/09/02		9.41	21.73
	04/05/02		11.29	19.85
	07/02/02		12.44	18.70
	10/09/02		13.75	17.39
	12/05/02		13.72	17.42
	01/06/03		9.86	21.28
	04/08/03		9.61	21.53
	07/09/03		12.10	19.04
	10/08/03		13.35	17.79
	01/07/04		9.69	21.45
	04/14/04		11.19	19.95
	07/08/04		12.41	18.73
MW-7	11/01/04		12.64	18.50
	11/23/04		12.76	18.38
	01/11/05		10.27	20.87
	04/04/05		9.55	21.59
	12/05/02	22.13	5.85	16.28
	01/06/03		2.77	19.36
	04/08/03		2.61	19.52
	07/09/03		4.70	17.43
	10/08/03		5.61	16.52
	01/07/04		2.51	19.69
	04/14/04		3.40	18.73
	07/08/04		4.83	17.30
	11/01/04		5.08	17.05
	11/23/04		5.28	16.85
	01/11/05		2.64	19.49
	04/04/05		2.02	20.11
	1.	MSL: Mean Sea Level.		
	2.	Below Top of Casing		
	3.	On November 2, 2001, all site wells were resurveyed, well elevations were referenced to well MW-1 to the nearest 0.01-foot.		

**Table 2-2**  
**Summary of Groundwater Flow Direction and Gradient**  
**Price Trust Property, Crescent City, California**

Date Measured	Groundwater Flow Direction	Groundwater Gradient (feet per foot)
01/12/01	East	0.015
04/05/01	East	0.020
10/12/01	Northeast	0.018
01/09/02	Northeast	0.035
04/05/02	Northeast	0.029
07/02/02	Northeast	0.020
10/09/02	Northeast	0.013
12/05/02	Northeast	0.032
01/06/03	Northeast	0.039
04/08/03	Northeast	0.029
07/09/03	Northeast	0.035
10/08/03	Northeast	0.026
01/07/04	Northeast	0.040
04/14/04	Northeast	0.030
07/08/04	Northeast	0.030
11/01/04	Northeast	0.018
01/11/05	Northeast	0.030
04/04/05	Northeast	0.030

**Table 2-3**  
**Groundwater Analytical Summary**  
**Price Trust Property, Crescent City, California**  
(in ug/L)<sup>1</sup>

Sample Location	Sample Date	TPHMO <sup>2</sup>	TPHD <sup>2</sup>	TPHG <sup>3</sup>	B <sup>4</sup>	T <sup>4</sup>	E <sup>4</sup>	X <sup>4</sup>	MTBE <sup>4</sup>	N <sup>5</sup>
MW-1	01/12/01	<170 <sup>6</sup>	<50	<50	<0.50	<0.50	<0.50	<0.50	NA <sup>7</sup>	NA
	04/05/01	NA	NA	<50	<0.50	<0.50	<0.50	<0.50	<3.0	NA
	10/12/01	<170	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5
	01/09/02	<170	<50	<50	<0.50	<0.50	<0.50	<0.50	<1.0	NA
	04/05/02	<170	<50	<50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.5
	07/02/02	<170	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	<2.5
	10/09/02	<170	<50	<50	<0.50	<0.50	<0.50	<0.50	<3.0	<2.5
	01/06/03	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	<2.5
	04/08/03	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	<2.5
	07/09/03	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	<2.5
	10/08/03	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	NA
	01/07/04	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	NA
	04/14/04	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	NA
	07/08/04	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	NA
MW-2	11/01/04	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	NA
	01/11/05	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	NA
	04/04/05	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	<3.0	NA
	01/12/01	<170	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	NA
	04/05/01	NA	NA	50	<0.50	<1.0	<0.50	<0.50	<3.0	NA
	10/12/01	740	<50	64	<0.50	<0.50	<0.50	0.56	<0.50	<2.5
	01/09/02	<170	<50	79	<0.50	<0.50	<0.50	0.52	<1.0	NA
	04/05/02	<170	<50	65	<0.50	<0.50	<0.50	0.51	<1.0	<2.5
	07/02/02	<170	<50	51	<0.50	<0.50	<0.50	<0.50	NA	<2.5
	10/09/02	<170	<50	72	<0.50	<0.50	<0.50	<0.50	<3.0	<2.5
	01/06/03	NA	<50	52	<0.50	<0.50	<0.50	<0.50	NA	<2.5
	04/08/03	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	<2.5
	07/09/03	NA	<50	<50	<0.50	<1.1	<0.50	<0.50	NA	<2.5
	10/08/03	NA	<50	92	<0.50	<0.50	<0.50	<0.50	NA	NA
	01/07/04	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	NA
	04/14/04	NA	<50	84	<1.0	<2.0	<0.50	<0.50	NA	NA
	07/08/04	NA	<50	74	<0.50	<1.0	<0.50	<0.50	NA	NA
MW-3	11/01/04	NA	<50	60	<0.50	<0.50	<0.50	<0.50	NA	NA
	01/11/05	NA	<50	81	<0.50	<0.50	<0.50	<0.50	NA	NA
	04/04/05	NA	<50	68	<1.0	<2.0	<0.50	<0.50	<3.0	NA
	01/12/01	<170	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	NA
	04/05/01	NA	NA	<50	<0.50	<0.50	<0.50	<0.50	<3.0	NA
	10/12/01	<170	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5
	01/09/02	<170	<50	<50	<0.50	<0.50	<0.50	<0.50	<1.0	NA
	04/05/02	<170	<50	<50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.5
	07/02/02	<170	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	<2.5
	10/09/02	<170	<50	<50	<0.50	<0.50	<0.50	<0.50	<3.0	<2.5
	01/06/03	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	<2.5
	04/08/03	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	<2.5
	07/09/03	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	<2.5
	10/08/03	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	NA
	01/07/04	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	NA
	04/14/04	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	NA
	07/08/04	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	NA

**Table 2-3**  
**Groundwater Analytical Summary**  
**Price Trust Property, Crescent City, California**  
(in ug/L)<sup>1</sup>

Sample Location	Sample Date	TPHMO <sup>2</sup>	TPHD <sup>2</sup>	TPHG <sup>3</sup>	B <sup>4</sup>	T <sup>4</sup>	E <sup>4</sup>	X <sup>4</sup>	MTBE <sup>4</sup>	N <sup>5</sup>
MW-3 (cont'd)	11/01/04	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	NA
	01/11/05	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	NA
	04/04/05	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	<3.0	NA
MW-4	04/05/01	<170	1,700	13,000	230	110	120	990	230	NA
	10/12/01	<170	1,300	11,000	<2.5	<2.5	670	66.9	<2.5	270
	01/09/02	<170	260	7,000	<0.50	0.68	420	32.79	<1.0	NA
	04/05/02	<170	420	13,000	<0.50	0.84	760	78.6	<1.0	230
	07/02/02	<170	990	16,000	69	120	800	63	NA	270
	10/09/02	<170	710	15,000	<160	<300	850	<150	<400	210
	01/06/03	NA	1,200	9,900	<90	<170	460	<70	NA	100
	04/08/03	NA	1,100	7,800	<70	<180	520	51	NA	200
	07/09/03	NA	1,200	12,000	<120	<280	640	53	NA	130
	10/08/03	NA	530	13,000	<120	130	580	<80	NA	50
	01/07/04	NA	1,100	8,300	<80	<180	390	27	NA	NA
	04/14/04	NA	960	11,000	<90	<240	500	<75	NA	NA
	07/08/04	NA	1,700	12,000	<100	<250	590	<80	NA	NA
	11/01/04	NA	1,900	12,000	<0.50	0.84	390	25.64	NA	NA
	11/23/04	NA	NA	12,000	<250	190	580	82	NA	NA
	01/11/05	NA	1,400	13,000	<0.50	0.96	<0.50	29.76	NA	NA
	04/04/05	NA	2,100	9,100	<90	<300	540	<40	<180	NA
MW-5	04/05/01	NA	NA	6,200	<25	<60	62	<25	39	NA
	10/12/01	<170	590	4,400	<1.0	1.1	19	4.8	<1.0	11
	01/09/02	<170	140	3,700	<0.50	0.73	18	5.2	<1.0	NA
	04/05/02	<170	160	4,300	<0.50	0.5	21	7.03	<1.0	6.3
	07/02/02	<170	330	5,100	<45	<40	<50	<26	NA	<5.0
	10/09/02	<170	220	4,600	<12	<70	<50	<35	<75	3.9
	01/06/03	NA	730	5,200	<15	<75	<40	<40	NA	4
	04/08/03	NA	520	3,700	<15	<66	<50	<25	NA	3.8
	07/09/03	NA	470	3,900	<9.5	<60	<30	24	NA	2.7
	10/08/03	NA	210	4,100	<5.0	<56	<38	<17	NA	<2.5
	01/07/04	NA	630	3,400	<55	<55	<30	<14	NA	NA
	04/14/04	NA	320	2,500	<5.0	<40	<25	<14	NA	NA
	07/08/04	NA	630	3,400	<35	<40	<20	<10	NA	NA
	11/01/04	NA	750	3,700	<0.50	<0.50	3.3	0.85	NA	NA
	11/23/04	NA	NA	3,600	<20	<60	<30	<40	NA	NA
	01/11/05	NA	550	2,300	<0.50	<0.50	3.6	0.8	NA	NA
	04/04/05	NA	450	2,900	<10	<30	<20	<10	<12	NA
MW-6	10/12/01	<170	420	5,700	11	4.4	96	31.9	<1.0	16
	01/09/02	<170	130	5,900	19	7.2	180	43.4	<1.0	NA
	04/05/02	<170	79	2,500	9.6	2.8	35	15.4	<1.0	6.7
	07/02/02	<170	140	2,900	<50	<41	31	14	NA	<2.5
	10/09/02	<170	100	3,300	32	<41	67	23	<100	2.7
	01/06/03	NA	410	4,300	<100	<80	120	24	NA	8.7
	04/08/03	NA	160	1,200	18	<20	24	7.3	NA	3.8
	07/09/03	NA	200	1,700	21	<40	29	11	NA	3.1
	10/08/03	NA	92	2,500	<38	<38	25	11	NA	<2.5
	01/07/04	NA	270	3,000	44	<60	92	16	NA	NA
	04/14/04	NA	140	1,300	<20	<24	16	6.9	NA	NA

**Table 2-3**  
**Groundwater Analytical Summary**  
**Price Trust Property, Crescent City, California**  
(in ug/L)<sup>1</sup>

Sample Location	Sample Date	TPHMO <sup>2</sup>	TPHD <sup>2</sup>	TPHG <sup>3</sup>	B <sup>4</sup>	T <sup>4</sup>	E <sup>4</sup>	X <sup>4</sup>	MTBE <sup>4</sup>	N <sup>5</sup>
MW-6 (cont'd)	07/08/04	NA	210	1,400	<20	<20	15	6.6	NA	NA
	11/01/04	NA	290	2,200	8.7	3.9	12	15.5	NA	NA
	11/23/04	NA	NA	5,200	85	58	220	58	NA	NA
	01/11/05	NA	310	3,000	5.2	2.8	120	24.9	NA	NA
	04/04/05	NA	450	4,500	<140	<100	320	48	<200	NA
MW-7	12/05/02	<170	<50	<50	<0.50	<0.50	<0.50	<0.50	<3.0	<2.5
	01/06/03	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	<2.5
	04/08/03	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	<2.5
	07/09/03	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	<2.5
	10/08/03	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	<2.5
	01/07/04	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	NA
	04/14/04	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	NA
	07/08/04	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	NA
	11/01/04	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	NA
	01/11/05	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	NA
	04/04/05	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	<3.0	NA

1. ug/L: micrograms per Liter

2. Total Petroleum Hydrocarbons as Motor Oil (TPHMO) and as Diesel (TPHD) analyzed in general accordance with EPA Method 8015B

3. Total Petroleum Hydrocarbons as Gasoline (TPHG) analyzed in general accordance with EPA Method 8015B

4. Benzene (B), Toluene (T), Ethylbenzene (E), total Xylenes (X), and Methyl Tertiary-Butyl Ether (MTBE) analyzed in general accordance with EPA Method 8021B or 8260B

5. Naphthalene (N) analyzed in general accordance with EPA Method 8310

6. <: Denotes a value that is "less than" the method detection limit.

7. NA: Not Analyzed

**Table 2-4**  
**Summary of Natural Attenuation Results**  
**Price Trust Property, Crescent City, California**

Sample Location	Sample Date	DO <sup>1</sup> (ppm) <sup>2</sup>	DCO <sub>2</sub> <sup>1</sup> (ppm)	ORP <sup>1</sup> (ppm)	Diss. Fe <sup>3</sup> (ug/L) <sup>4</sup>	NO <sub>3</sub> <sup>5</sup> (mg/L) <sup>6</sup>	SO <sub>4</sub> <sup>5</sup> (mg/L)	Alk <sup>7</sup> (mg/L)	Methane <sup>8</sup> (ug/L)
MW-1	01/12/01	2.50	40	140	<100 <sup>9</sup>	2.0	16	66	NA <sup>10</sup>
	04/05/01	4.36	45	99	<100	0.76	11	86	<0.010
	10/12/01	1.18	40	39	NA	NA	NA	NA	NA
	01/09/02	3.42	40	50	NA	NA	NA	NA	NA
	04/05/02	3.48	35	127	NA	NA	NA	NA	NA
	07/02/02	3.37	30	151	<100	NA	NA	NA	NA
	10/09/02	3.55	40	177	<100	NA	NA	NA	NA
	01/06/03	4.03	40	223	<100	NA	NA	NA	NA
	04/08/03	6.55	30	256	<100	NA	NA	NA	NA
	07/09/03	3.99	30	275	<100	NA	NA	NA	NA
	10/08/03	4.12	25	281	NA	NA	NA	NA	NA
	01/07/04	5.47	20	303	NA	NA	NA	NA	NA
	04/14/04	5.49	25	264	NA	NA	NA	NA	NA
	07/08/04	4.19	40	106	NA	NA	NA	NA	NA
	11/01/04	3.53	25	85	<500	0.96	16	72	NA
	11/23/04	5.70	60	1.25	NA	NA	NA	NA	NA
	01/11/05	6.86	25	-15	<300	0.30	26	52	NA
	04/04/05	8.14	30	124	<100	0.21	24	57	NA
MW-2	01/12/01	0.73	120	79	9,700	<0.10	2.9	190	NA
	04/05/01	1.48	125	80	21,000	<0.10	<0.50	220	8.3
	10/12/01	0.61	150	22	NA	NA	NA	NA	NA
	01/09/02	0.28	120	128	NA	NA	NA	NA	NA
	04/05/02	0.91	100	148	NA	NA	NA	NA	NA
	07/02/02	0.48	120	188	19,000	NA	NA	NA	NA
	10/09/02	0.36	120	161	20,000	NA	NA	NA	NA
	01/06/03	0.34	160	209	18,000	NA	NA	NA	NA
	04/08/03	0.37	80	254	18,000	NA	NA	NA	NA
	07/09/03	0.53	130	277	26,000	NA	NA	NA	NA
	10/08/03	0.89	140	275	NA	NA	NA	NA	NA
	01/07/04	0.60	120	293	NA	NA	NA	NA	NA
	04/14/04	0.69	100	260	NA	NA	NA	NA	NA
	07/08/04	0.65	180	-98	NA	NA	NA	NA	NA
	11/01/04	0.75	80	27	6,100	<0.10	2.4	160	NA
	11/23/04	3.03	215	-16	NA	NA	NA	NA	NA
	01/11/05	0.86	370	-71	52,000	<0.10	1.2	420	NA
	04/04/05	0.80	90	70	38,000	<0.10	0.93	430	NA
MW-3	01/12/01	0.71	40	27	280	<0.10	11	95	NA
	04/05/01	1.26	50	81	530	<0.10	11	230	<0.010
	10/12/01	0.29	60	56	NA	NA	NA	NA	NA
	01/09/02	0.28	50	141	NA	NA	NA	NA	NA
	04/05/02	0.26	40	151	NA	NA	NA	NA	NA
	07/02/02	0.29	30	188	720	NA	NA	NA	NA
	10/09/02	0.78	35	195	600	NA	NA	NA	NA
	01/06/03	0.41	65	224	190	NA	NA	NA	NA
	04/08/03	0.40	35	258	340	NA	NA	NA	NA
	07/09/03	0.50	30	273	270	NA	NA	NA	NA
	10/08/03	0.55	25	284	NA	NA	NA	NA	NA

**Table 2-4**  
**Summary of Natural Attenuation Results**  
**Price Trust Property, Crescent City, California**

Sample Location	Sample Date	DO <sup>1</sup> (ppm) <sup>2</sup>	DCO <sub>2</sub> <sup>1</sup> (ppm)	ORP <sup>1</sup> (ppm)	Diss. Fe <sup>3</sup> ( $\mu\text{g/L}$ ) <sup>4</sup>	NO <sub>3</sub> <sup>5</sup> (mg/L) <sup>6</sup>	SO <sub>4</sub> <sup>5</sup> (mg/L)	Alk <sup>7</sup> (mg/L)	Methane <sup>8</sup> ( $\mu\text{g/L}$ )
MW-3 (cont'd)	01/07/04	0.71	20	294	NA	NA	NA	NA	NA
	04/14/04	0.73	25	253	NA	NA	NA	NA	NA
	07/08/04	0.61	40	61	NA	NA	NA	NA	NA
	11/01/04	0.76	30	91	<500	<0.10	13	69	NA
	11/23/04	2.54	50	132	NA	NA	NA	NA	NA
	01/11/05	1.06	20	53	<300	<0.10	12	80	NA
	04/04/05	0.82	75	116	2,600	<0.10	9.8	180	NA
MW-4	04/05/01	1.81	150	110	41,000	<0.10	11	100	4.6
	10/12/01	0.15	325	15	NA	NA	NA	NA	NA
	01/09/02	0.18	120	75	NA	NA	NA	NA	NA
	04/05/02	0.21	150	123	NA	NA	NA	NA	NA
	07/02/02	1.06	170	153	44,000	NA	NA	NA	NA
	10/09/02	0.29	80	147	29,000	NA	NA	NA	NA
	01/06/03	0.31	170	152	32,000	NA	NA	NA	NA
	04/08/03	0.39	100	232	24,000	NA	NA	NA	NA
	07/09/03	0.41	110	256	26,000	NA	NA	NA	NA
	10/08/03	0.53	120	-201	NA	NA	NA	NA	NA
	01/07/04	0.93	150	278	NA	NA	NA	NA	NA
	04/14/04	0.76	120	242	NA	NA	NA	NA	NA
	07/08/04	0.63	200	-84	NA	NA	NA	NA	NA
	11/01/04	0.75	120	-18	22,000	0.11	1.5	120	NA
	11/23/04	3.28	215	60	NA	NA	NA	NA	NA
	01/11/05	0.86	750	-77	230,000	0.28	7.9	530	NA
	04/04/05	0.73	NM	-95	140,000	<0.10	6.1	480	NA
MW-5	04/05/01	0.91	120	96	14,000	<0.10	3.1	320	4.3
	10/12/01	0.16	250	51	NA	NA	NA	NA	NA
	01/09/02	0.19	100	111	NA	NA	NA	NA	NA
	04/05/02	0.21	50	114	NA	NA	NA	NA	NA
	07/02/02	0.27	60	135	12,000	NA	NA	NA	NA
	10/09/02	0.29	120	154	13,000	NA	NA	NA	NA
	01/06/03	0.33	165	171	17,000	NA	NA	NA	NA
	04/08/03	0.61	45	236	12,000	NA	NA	NA	NA
	07/09/03	0.40	50	255	24,000	NA	NA	NA	NA
	10/08/03	0.52	60	-205	NA	NA	NA	NA	NA
	01/07/04	0.56	80	274	NA	NA	NA	NA	NA
	04/14/04	5.60	30	240	NA	NA	NA	NA	NA
	07/08/04	0.57	70	-87	NA	NA	NA	NA	NA
	11/01/04	0.69	70	13	6,900	<0.10	1.7	96	NA
	11/23/04	2.79	200	3	NA	NA	NA	NA	NA
	01/11/05	0.82	195	10	14,000	<0.10	1.5	170	NA
	04/04/05	0.95	140	-28	22,000	<0.10	0.76	190	NA
MW-6	10/12/01	0.16	150	62	NA	NA	NA	NA	NA
	01/09/02	0.20	120	121	NA	NA	NA	NA	NA
	04/05/02	0.44	100	103	NA	NA	NA	NA	NA
	07/02/02	0.26	100	188	29,000	NA	NA	NA	NA
	10/09/02	0.29	120	154	25,000	NA	NA	NA	NA
	01/06/03	0.33	160	177	24,000	NA	NA	NA	NA

**Table 2-4**  
**Summary of Natural Attenuation Results**  
**Price Trust Property, Crescent City, California**

Sample Location	Sample Date	DO <sup>1</sup> (ppm) <sup>2</sup>	DCO <sub>2</sub> <sup>1</sup> (ppm)	ORP <sup>1</sup> (ppm)	Diss. Fe <sup>3</sup> (ug/L) <sup>4</sup>	NO <sub>3</sub> <sup>5</sup> (mg/L) <sup>6</sup>	SO <sub>4</sub> <sup>5</sup> (mg/L)	Alk <sup>7</sup> (mg/L)	Methane <sup>8</sup> (ug/L)
MW-6 (cont'd)	04/08/03	0.29	95	244	27,000	NA	NA	NA	NA
	07/09/03	0.44	80	266	11,000	NA	NA	NA	NA
	10/08/03	0.48	100	268	NA	NA	NA	NA	NA
	01/07/04	0.57	90	280	NA	NA	NA	NA	NA
	04/14/04	0.61	70	245	NA	NA	NA	NA	NA
	07/08/04	0.58	100	-93	NA	NA	NA	NA	NA
	11/01/04	0.69	220	-45	22,000	<0.10	1.7	150	NA
	11/23/04	2.85	850	-8	NA	NA	NA	NA	NA
	01/11/05	0.92	500	-2	42,000	<0.10	1.5	170	NA
	04/04/05	0.74	200	-8	38,000	<0.10	<0.50	180	NA
MW-7	12/05/02	1.82	20	244	<100	NA	NA	NA	NA
	01/06/03	4.81	15	168	<100	NA	NA	NA	NA
	04/08/03	6.96	20	224	<100	NA	NA	NA	NA
	07/09/03	6.33	20	249	<100	NA	NA	NA	NA
	10/08/03	3.92	20	265	NA	NA	NA	NA	NA
	01/07/04	5.92	15	276	NA	NA	NA	NA	NA
	04/14/04	7.21	15	246	NA	NA	NA	NA	NA
	07/08/04	5.78	40	115	NA	NA	NA	NA	NA
	11/01/04	4.81	20	98	<500	1.3	11	65	NA
	11/23/04	6.02	40	117	NA	NA	NA	NA	NA
	01/11/05	5.52	20	100	<300	1.7	10	62	NA
	04/04/05	6.91	15	113	<100	1.8	11	63	NA

1. Dissolved Carbon Dioxide (DCO<sub>2</sub>) measured with a field test kit, Dissolved Oxygen (DO), and Oxidation-Reduction Potential (ORP) measured with portable equipment
2. ppm: parts per million
3. Dissolved iron (Diss. Fe) analyzed in general accordance with EPA Method 200.7
4. ug/L: micrograms per Liter
5. Nitrate (NO<sub>3</sub>) and Sulfate (SO<sub>4</sub>) analyzed in general accordance with EPA Method 300.0
6. mg/L: milligrams per Liter
7. Alkalinity (Alk) analyzed in general accordance with EPA Method 2320B
8. Dissolved Methane (Methane) analyzed in general accordance with RSK-175
9. <: Denotes a value that is "less than" the method detection limit.
10. NA: Not Analyzed

**Table 2-5**  
**Summary of Inorganic Analysis**  
**Price Trust Property, Crescent City, California**  
**(in mg/L)<sup>1</sup>**

Sample Location	Sample Date	Ammonia Nitrogen	COD <sup>2</sup>	TPP <sup>3</sup>	Alkalinity	Sulfate	Nitrate	TDS <sup>4</sup>	H <sub>2</sub> O <sub>2</sub> <sup>5</sup>	Citric Acid
MW-1	11/1/04	<0.20 <sup>6</sup>	<5.0	<0.020	72	16	0.96	130	NA <sup>7</sup>	NA
	1/11/05	<0.20	13	0.054	52	26	0.30	130	8.5	<10
	4/4/05	NA	NA	NA	57	24	0.21	NA	NA	NA
MW-2	11/1/04	1.5	30	0.075	160	2.4	<0.10	200	NA	<10
	1/11/05	1.3	630	0.063	420	1.2	<0.10	830	5.5	<10
	4/4/05	NA	48	NA	430	0.93	<0.10	NA	NA	NA
MW-3	11/1/04	<0.20	13	0.032	69	13	<0.10	140	NA	NA
	1/11/05	<0.20	6.0	0.038	80	12	<0.10	150	0.9	<10
	4/4/05	NA	NA	NA	180	9.8	<0.10	NA	NA	NA
MW-4	11/1/04	0.39	61	0.17	120	1.5	0.11	160	NA	NA
	1/11/05	0.32	830	0.23	530	7.9	0.28	1,100	35.2	<10
	4/4/05	NA	240	NA	480	6.1	<0.10	NA	NA	NA
MW-5	11/1/04	0.22	46	0.23	96	1.7	<0.10	140	NA	NA
	1/11/05	<0.20	110	0.074	170	1.5	<0.10	280	2.1	<10
	4/4/05	NA	26	NA	190	0.76	<0.10	NA	NA	NA
MW-6	11/1/04	2.6	61	0.13	150	1.7	<0.10	190	NA	NA
	1/11/05	2.1	280	0.23	170	1.5	<0.10	370	1.1	<10
	4/4/05	NA	74	NA	180	<0.50	<0.10	NA	NA	NA
MW-7	11/1/04	<0.20	8.2	0.12	65	11	1.3	140	NA	NA
	1/11/05	<0.20	<5.0	0.003	62	10	1.7	140	1.0	<10
	4/4/05	NA	NA	NA	63	11	1.8	NA	NA	NA

1. mg/L: milligrams per Liter

2. COD: Chemical Oxygen Demand analyzed in general accordance with EPA Method No. 410.4

3. TPP: Total Phosphate as Phosphorous analyzed in general accordance with EPA Method No. 365.2

4. TDS: Total Dissolved Solids analyzed in general accordance with EPA Method No. 160.1

5. H<sub>2</sub>O<sub>2</sub>: Hydrogen peroxide analyzed by titration

6. <: Denotes a value that is "less than" the method detection limit.

7. NA: Not Analyzed

**Table 2-6**  
**Summary of Dissolved Metal Analysis**  
**Price Turst Property, Crescent City, California**  
 $(\text{in } \mu\text{g/L})^1$

Sample Location	Sample Date	Fe <sup>2</sup>	Be <sup>2</sup>	Al <sup>2</sup>	V <sup>2</sup>	Cr <sup>2</sup>	Mn <sup>2</sup>	Co <sup>2</sup>	Ni <sup>2</sup>	Cu <sup>2</sup>	Zn <sup>2</sup>	As <sup>2</sup>	Se <sup>2</sup>	Mo <sup>2</sup>	Ag <sup>2</sup>	Cd <sup>2</sup>	Sb <sup>2</sup>	Ba <sup>2</sup>	Hg <sup>2</sup>	Tl <sup>2</sup>	Pb <sup>2</sup>	U <sup>2</sup>	
CA Primary MCL <sup>3</sup>	300 (sec) <sup>4</sup>	4	1,000	NA <sup>5</sup>	50	50 (sec)	NA	100	1,300 (sec)	50	5,000 (sec)	50	NA (sec)	100	NA (sec)	5	6	1,000	2	2	15	NA	
MW-1	11/1/04 <500 <sup>6</sup>	<4.0	<200	<3.0	<5.0	<5.0	<5.0	6.7	<10	<100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<2.0	<5.0	<5.0	
	1/11/05 <300	<4.0	<200	<3.0	9.5	<5.0	<5.0	7.2	<10	<100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<2.0	<5.0	<5.0	
	4/4/05 <100	NA	NA	<10	<2.0	NA	NA																
MW-2	11/1/04 6,100	<4.0	<200	<3.0	<5.0	730	<5.0	<5.0	<10	<100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<2.0	<5.0	<5.0
	1/11/05 52,000	<4.0	2,600	<3.0	16	3,100	<5.0	10	<10	<100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<2.0	<5.0	<5.0
	4/4/05 38,000	NA	<100	NA	<10	2,400	NA	NA															
MW-3	11/1/04 <500	<4.0	<200	<3.0	<5.0	890	5.8	<5.0	<10	<100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<7.4	<1.0	<2.0	<5.0
	1/11/05 <300	<4.0	<200	<3.0	<5.0	620	<5.0	9.4	<10	<100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	8.5	<1.0	<2.0	<5.0
	4/4/05 2,600	NA	NA	<10	2,300	NA	NA																
MW-4	11/1/04 22,000	<4.0	<200	<3.0	<5.0	1,300	<5.0	<5.0	<10	<100	11	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	8.7	<1.0	<2.0	<5.0
	1/11/05 230,000	<4.0	1,400	<3.0	210	7,800	6.1	12	<10	<100	12	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	41	<1.0	<2.0	<5.0
	4/4/05 140,000	NA	620	NA	53	5,300	NA	<20	NA	<10	NA	5.9	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	6.8	<1.0	<2.0	<5.0
MW-5	11/1/04 6,900	<4.0	<200	<3.0	<5.0	1,700	<5.0	<5.0	<10	<100	NA	<10	NA	NA									
	1/11/05 14,000	<4.0	770	<3.0	45	3,500	<5.0	6.1	<10	<100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	9.1	<1.0	<2.0	<5.0
	4/4/05 22,000	NA	<100	NA	NA	3,600	NA	NA															
MW-6	11/1/04 22,000	<4.0	<200	<3.0	<5.0	2,600	<5.0	<5.0	<10	<100	14	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	25	<1.0	<2.0	<5.0	<5.0
	1/11/05 42,000	<4.0	720	<3.0	58	5,400	10	26	<10	<100	5.9	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	45	<1.0	<2.0	<5.0	<5.0
	4/4/05 38,000	NA	<100	NA	<10	3,500	NA	<20	NA	NA	<10	NA	NA										
MW-7	11/1/04 <500	<4.0	<200	<3.0	13	<5.0	<5.0	17	<10	<100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<2.0	<5.0	<5.0
	1/11/05 <300	<4.0	<200	<3.0	21	<5.0	<5.0	14	<10	<100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<2.0	<5.0	<5.0
	4/4/05 <100	NA	NA	NA	17	<2.0	NA	<20	NA	NA													

1.  $\mu\text{g/L}$ : micrograms per Liter

2. Metals, abbreviated as follows:

Fe: Iron  
Be: Beryllium  
Al: Aluminum  
V: Vanadium  
Cr: Chromium

Mn: Manganese  
Mg: Magnesium  
Ni: Nickel  
Cu: Copper  
Zn: Zinc

As: Arsenic

Se: Selenium

Hg: Mercury

Co: Cobalt  
Ag: Silver  
Cd: Cadmium  
Sb: Antimony  
Ba: Barium

Mo: Molybdenum  
Ag: Silver  
Cd: Cadmium  
Sb: Antimony

3. CA Primary MCL. California Department of Health Services Primary Maximum Contaminant Level (Marshack, 2004)

4. sec: California Department of Health Services Secondary Maximum Contaminant Level (Marshack, 2004)

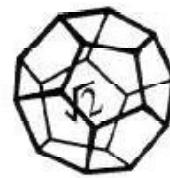
5. NA: Not Available

6. <: Denotes a value that is "less than" the method detection limit.

**Attachment 3**

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**Laboratory Analytical Reports**



**NORTH COAST  
LABORATORIES LTD.**

April 20, 2005

Pvt. cust. paying on pickup

Order No.: 0504056

Invoice No.: 49513

PO No.:

ELAP No. 1247-Expires July 2006

Attn: Charalene Patterson-Patterson Accounting Corp.

RE: 093168, Price Trust Properties

**SAMPLE IDENTIFICATION**

Fraction	Client Sample Description
01A	MW-7
01D	MW-7
01F	MW-7
01G	MW-7 (Dissolved)
02A	MW-1
02D	MW-1
02F	MW-1
02G	MW-1 (Dissolved)
03A	MW-3
03D	MW-3
03F	MW-3
03G	MW-3 (Dissolved)
04A	MW-2
04D	MW-2
04F	MW-2
04G	MW-2 (Dissolved)
04H	MW-2
05A	MW-6
05D	MW-6
05F	MW-6
05G	MW-6 (Dissolved)
05H	MW-6
06A	MW-5
06D	MW-5
06F	MW-5
06G	MW-5 (Dissolved)
06H	MW-5
07A	MW-4

ND = Not Detected at the Reporting Limit

Limit = Reporting Limit

All solid results are expressed on a wet-weight basis unless otherwise noted.

**REPORT CERTIFIED BY**

Laboratory Supervisor(s)

QA Unit

Jesse G. Chaney, Jr.  
Laboratory Director

April 20, 2005

Pvt. cust. paying on pickup

Order No.: 0504056

Invoice No.: 49513

PO No.:

ELAP No. 1247-Expires July 2006

Attn: Charalene Patterson-Patterson Accounting

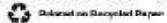
RE: 093168, Price Trust Properties

**SAMPLE IDENTIFICATION**

07D	MW-4
07F	MW-4
07G	MW-4
07H	MW-4

NORTH COAST LABORATORIES

5680 West End Road • Arcata, California 95521-9202 • 707-822-4649 • FAX 707-822-6831



**North Coast Laboratories, Ltd.**

Date: 20-Apr-05

CLIENT: Pvt. cust. paying on pickup  
Project: 093168, Price Trust Properties  
Lab Order: 0504056

**CASE NARRATIVE****TPH as Diesel:**

Samples MW-6, MW-5 and MW-4 contain some material lighter than diesel. However, some of this material extends into the diesel range of molecular weights. These samples also contain material in the diesel range of molecular weights, but the material does not exhibit the peak pattern typical of diesel oil.

**TPH as Gasoline:**

Samples MW-2 and MW-5 do not present a peak pattern consistent with that of gasoline. The reported results represent the amount of material in the gasoline range.

The gasoline values for samples MW-6 and MW-4 include the reported gasoline components in addition to other peaks in the gasoline range.

**BTEX:**

Some reporting limits were raised for samples MW-2 and MW-5 due to matrix interference.

Samples MW-6, MW-5 and MW-4 were diluted and the reporting limits were raised additionally due to matrix interference.

Sample MW-4 was reported as ND with a dilution due to matrix interference.

The surrogate recovery was below the lower acceptance limit for sample MW-7. The response of the reporting limit standard was such that the analytes would have been detected even with the low recovery; therefore, the data were accepted.

Date: 20-Apr-05  
WorkOrder: 0504056

## ANALYTICAL REPORT

Client Sample ID: MW 7  
Lab ID: 0504056-01A

Received: 4/4/05

Collected: 4/4/05 9:50

Test Name: BTEX

Reference: EPA 5030/EPA 8021B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
MTBE	ND	3.0	µg/L	1.0		4/16/05
Benzene	ND	0.50	µg/L	1.0		4/16/05
Toluene	ND	0.50	µg/L	1.0		4/16/05
Ethylbenzene	ND	0.50	µg/L	1.0		4/16/05
m,p-Xylene	ND	0.50	µg/L	1.0		4/16/05
o-Xylene	ND	0.50	µg/L	1.0		4/16/05
Surrogate: Cls-1,2-Dichloroethylene	84.8	85-115	% Rec	1.0		4/16/05

Test Name: TPH as Gasoline

Reference: EPA 5030/GCFID(LUFT)/EPA 8015B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Gas (C6-C14)	ND	50	µg/L	1.0		4/16/05

Client Sample ID: MW-7

Received: 4/4/05

Collected: 4/4/05 9:50

Lab ID: 0504056-01D

Test Name: TPH as Diesel

Reference: EPA 3510/GCFID(LUFT)/EPA 8015B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Diesel (C12-C22)	ND	50	µg/L	1.0	4/13/05	4/18/05
Surrogate: N-Tricosane	88.0	70-130	% Rec	1.0	4/13/05	4/18/05

Client Sample ID: MW-7

Received: 4/4/05

Collected: 4/4/05 9:50

Lab ID: 0504056-01F

Test Name: Alkalinity

Reference: Std. Meth. 19th Ed. 2320 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Alkalinity	63	1.0	mg/L CaCO <sub>3</sub>	1.0		4/11/05

Test Name: Chloride, sulfate, fluoride, bromide

Reference: EPA 300.0

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Sulfate	11	0.50	mg/L	1.0		4/5/05

Test Name: Nitrate/Nitrite

Reference: EPA 300.0

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Nitrate (as Nitrogen)	1.8	0.10	mg/L	1.0		4/5/05

Date: 20-Apr-05  
WorkOrder: 0504056

## ANALYTICAL REPORT

Client Sample ID: MW-7 (Dissolved)  
Lab ID: 0504056-01G

Received: 4/4/05

Collected: 4/4/05 9:50

Test Name: ICAP Metals with Acid Digestion

Reference: EPA 200.7

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Chromium	17	10	µg/L	1.0	4/4/05	4/14/05
Iron	ND	100	µg/L	1.0	4/4/05	4/14/05
Manganese	ND	2.0	µg/L	1.0	4/4/05	4/14/05
Nickel	ND	20	µg/L	1.0	4/4/05	4/14/05

Client Sample ID: MW-1  
Lab ID: 0504056-02A

Received: 4/4/05

Collected: 4/4/05 10:05

Test Name: BTEX

Reference: EPA 5030/EPA 8021B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
MTBE	ND	3.0	µg/L	1.0		4/16/05
Benzene	ND	0.50	µg/L	1.0		4/16/05
Toluene	ND	0.50	µg/L	1.0		4/16/05
Ethylbenzene	ND	0.50	µg/L	1.0		4/16/05
m,p-Xylene	ND	0.50	µg/L	1.0		4/16/05
o-Xylene	ND	0.50	µg/L	1.0		4/16/05
Surrogate: Cis-1,2-Dichloroethylene	88.2	85-115	% Rec	1.0		4/16/05

Test Name: TPH as Gasoline

Reference: EPA 5030/GCFID(LUFT)/EPA 8015B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Gas (C6-C14)	ND	50	µg/L	1.0		4/16/05

Client Sample ID: MW-1  
Lab ID: 0504056-02D

Received: 4/4/05

Collected: 4/4/05 10:05

Test Name: TPH as Diesel

Reference: EPA 3510/GCFID(LUFT)/EPA 8015B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Diesel (C12-C22)	ND	50	µg/L	1.0	4/13/05	4/18/05
Surrogate: N-Tricosane	93.4	70-130	% Rec	1.0	4/13/05	4/18/05

Date: 20-Apr-05  
WorkOrder: 0504056

## ANALYTICAL REPORT

Client Sample ID: MW-1  
Lab ID: 0504056-02F

Received: 4/4/05

Collected: 4/4/05 10:05

Test Name: Alkalinity

Reference: Std. Meth. 19th Ed. 2320 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Alkalinity	57	1.0	mg/L CaCO <sub>3</sub>	1.0		4/11/05

Test Name: Chloride, sulfate, fluoride, bromide

Reference: EPA 300.0

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Sulfate	24	0.50	mg/L	1.0		4/5/05

Test Name: Nitrate/Nitrite

Reference: EPA 300.0

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Nitrate (as Nitrogen)	0.21	0.10	mg/L	1.0		4/5/05

Client Sample ID: MW-1 (Dissolved)

Received: 4/4/05

Collected: 4/4/05 10:05

Lab ID: 0504056-02G

Test Name: ICAP Metals with Acid Digestion

Reference: EPA 200.7

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Chromium	ND	10	µg/L	1.0	4/4/05	4/14/05
Iron	ND	100	µg/L	1.0	4/4/05	4/14/05
Manganese	ND	2.0	µg/L	1.0	4/4/05	4/14/05

Client Sample ID: MW-3

Received: 4/4/05

Collected: 4/4/05 10:45

Lab ID: 0504056-03A

Test Name: BTEX

Reference: EPA 5030/EPA 8021B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
MTBE	ND	3.0	µg/L	1.0		4/16/05
Benzene	ND	0.50	µg/L	1.0		4/16/05
Toluene	ND	0.50	µg/L	1.0		4/16/05
Ethylbenzene	ND	0.50	µg/L	1.0		4/16/05
m,p-Xylene	ND	0.50	µg/L	1.0		4/16/05
o-Xylene	ND	0.50	µg/L	1.0		4/16/05
Surrogate: Cis-1,2-Dichloroethylene	94.1	85-115	% Recd	1.0		4/16/05

Test Name: TPH as Gasoline

Reference: EPA 5030/GCFID(LUFT)/EPA 8015B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Gas (C6-C14)	ND	50	µg/L	1.0		4/16/05

Date: 20-Apr-05  
WorkOrder: 0504056

## ANALYTICAL REPORT

Client Sample ID: MW-3  
Lab ID: 0504056-03D

Received: 4/4/05 Collected: 4/4/05 10:45

Test Name: TPH as Diesel

Reference: EPA 3510/GCFID(LUFT)/EPA 8015B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Diesel (C12-C22)	ND	50	µg/L	1.0	4/13/05	4/18/05
Surrogate: N-Tricosane	91.4	70-130	% Rec	1.0	4/13/05	4/18/05

Client Sample ID: MW-3  
Lab ID: 0504056-03F

Received: 4/4/05 Collected: 4/4/05 10:45

Test Name: Alkalinity

Reference: Std. Meth. 19th Ed. 2320 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Alkalinity	180	1.0	mg/L CaCO <sub>3</sub>	1.0		4/11/05

Test Name: Chloride, sulfate, fluoride, bromide

Reference: EPA 300.0

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Sulfate	9.8	0.50	mg/L	1.0		4/5/05

Test Name: Nitrate/Nitrite

Reference: EPA 300.0

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Nitrate (as Nitrogen)	ND	0.10	mg/L	1.0		4/5/05

Client Sample ID: MW-3 (Dissolved)

Received: 4/4/05

Collected: 4/4/05 10:45

Lab ID: 0504056-03G

Test Name: ICAP Metals with Acid Digestion

Reference: EPA 200.7

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Chromium	ND	10	µg/L	1.0	4/4/05	4/14/05
Iron	2,600	100	µg/L	1.0	4/4/05	4/14/05
Manganese	2,300	2.0	µg/L	1.0	4/4/05	4/14/05

Date: 20-Apr-05  
WorkOrder: 0504056

## ANALYTICAL REPORT

Client Sample ID: MW 2  
Lab ID: 0504056-04A

Received: 4/4/05

Collected: 4/4/05 11:30

Test Name: BTEX

Reference: EPA 5030/EPA 8021B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
MTBE	ND	3.0	µg/L	1.0		4/16/05
Benzene	ND	1.0	µg/L	1.0		4/16/05
Toluene	ND	2.0	µg/L	1.0		4/16/05
Ethylbenzene	ND	0.50	µg/L	1.0		4/16/05
m,p-Xylene	ND	0.50	µg/L	1.0		4/16/05
o-Xylene	ND	0.50	µg/L	1.0		4/16/05
Surrogate: Cis-1,2-Dichloroethylene	101	85-115	% Rec	1.0		4/16/05

Test Name: TPH as Gasoline

Reference: EPA 5030/GCFID(LUFT)/EPA 8015B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Gas (C6-C14)	68	50	µg/L	1.0		4/16/05

Client Sample ID: MW-2  
Lab ID: 0504056-04D

Received: 4/4/05

Collected: 4/4/05 11:30

Test Name: TPH as Diesel

Reference: EPA 3510/GCFID(LUFT)/EPA 8015B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Diesel (C12-C22)	ND	50	µg/L	1.0	4/13/05	4/18/05
Surrogate: N-Tricosane	91.9	70-130	% Rec	1.0	4/13/05	4/18/05

Client Sample ID: MW-2  
Lab ID: 0504056-04F

Received: 4/4/05

Collected: 4/4/05 11:30

Test Name: Alkalinity

Reference: Std. Meth. 19th Ed. 2320 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Alkalinity	430	1.0	mg/L CaCO <sub>3</sub>	1.0		4/11/05

Test Name: Chloride, sulfate, fluoride, bromide

Reference: EPA 300.0

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Sulfate	0.93	0.50	mg/L	1.0		4/5/05

Test Name: Nitrate/Nitrite

Reference: EPA 300.0

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Nitrate (as Nitrogen)	ND	0.10	mg/L	1.0		4/5/05

Date: 20-Apr-05

WorkOrder: 0504056

## ANALYTICAL REPORT

Client Sample ID: MW-2 (Dissolved)  
Lab ID: 0504056-04G

Received: 4/4/05

Collected: 4/4/05 11:30

Test Name: ICAP Metals with Acid Digestion

Reference: EPA 200.7

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Aluminum	ND	100	µg/L	1.0	4/4/05	4/14/05
Chromium	ND	10	µg/L	1.0	4/4/05	4/14/05
Iron	38,000	100	µg/L	1.0	4/4/05	4/14/05
Manganese	2,400	2.0	µg/L	1.0	4/4/05	4/14/05

Client Sample ID: MW-2  
Lab ID: 0504056-04H

Received: 4/4/05

Collected: 4/4/05 11:30

Test Name: Chemical Oxygen Demand

Reference: EPA 410.4

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Chemical Oxygen Demand	48	5.0	mg/L	1.0	4/7/05	4/7/05

Client Sample ID: MW-6  
Lab ID: 0504056-05A

Received: 4/4/05

Collected: 4/4/05 12:00

Test Name: BTEX

Reference: EPA 5030/EPA 8021B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
MTBE	ND	200	µg/L	10		4/16/05
Benzene	ND	140	µg/L	10		4/16/05
Toluene	ND	100	µg/L	10		4/16/05
Ethylbenzene	320	50	µg/L	100		4/16/05
m,p-Xylene	48	5.0	µg/L	10		4/16/05
o-Xylene	ND	14	µg/L	10		4/16/05
Surrogate: Cis-1,2-Dichloroethylene	94.9	85-115	% Rec	100		4/16/05

Test Name: TPH as Gasoline

Reference: EPA 6030/GCFID(LUFT)/EPA 8015B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPH Gas (C6-C14)	4,500	500	µg/L	10		4/16/05

Date: 20-Apr-05  
WorkOrder: 0504056

## ANALYTICAL REPORT

Client Sample ID: MW-6  
Lab ID: 0504056-05D

Received: 4/4/05 Collected: 4/4/05 12:00

Test Name: TPH as Diesel

Reference: EPA 3510/GCFID(LUFT)/EPA 8015B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Diesel (C12-C22)	450	50	µg/L	1.0	4/13/05	4/18/05
Surrogate: N-Triacosane	87.7	70-130	% Rec	1.0	4/13/05	4/18/05

Client Sample ID: MW-6  
Lab ID: 0504056-05F

Received: 4/4/05 Collected: 4/4/05 12:00

Test Name: Alkalinity

Reference: Std. Meth. 19th Ed. 2320 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Alkalinity	180	1.0	mg/L CaCO <sub>3</sub>	1.0		4/11/05

Test Name: Chloride, sulfate, fluoride, bromide

Reference: EPA 300.0

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Sulfate	ND	0.50	mg/L	1.0		4/5/05

Test Name: Nitrate/Nitrite

Reference: EPA 300.0

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Nitrate (as Nitrogen)	ND	0.10	mg/L	1.0		4/5/05

Client Sample ID: MW-6 (Dissolved)

Received: 4/4/05

Collected: 4/4/05 12:00

Lab ID: 0504056-05G

Test Name: Arsenic

Reference: EPA 200.9

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Arsenic	ND	10	µg/L	1.0	4/4/05	4/18/05

Test Name: ICAP Metals with Acid Digestion

Reference: EPA 200.7

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Aluminum	ND	100	µg/L	1.0	4/4/05	4/14/05
Chromium	ND	10	µg/L	1.0	4/4/05	4/14/05
Iron	38,000	100	µg/L	1.0	4/4/05	4/14/05
Manganese	3,500	2.0	µg/L	1.0	4/4/05	4/14/05
Nickel	ND	20	µg/L	1.0	4/4/05	4/14/05

Date: 20-Apr-05  
WorkOrder: 0504056

## ANALYTICAL REPORT

Client Sample ID: MW-6  
Lab ID: 0504056-05H

Received: 4/4/05

Collected: 4/4/05 12:00

Test Name: Chemical Oxygen Demand  
Parameter      Result      Limit      Units      DF  
Chemical Oxygen Demand      74      5.0      mg/L      1.0

Reference: EPA 410.4

Extracted      Analyzed  
4/7/05      4/7/05

Client Sample ID: MW-5  
Lab ID: 0504056-06A

Received: 4/4/05

Collected: 4/4/05 11:45

Test Name: BTEX  
Parameter      Result      Limit      Units      DF  
MTBE      ND      12      µg/L      1.0  
Benzene      ND      10      µg/L      10  
Toluene      ND      30      µg/L      10  
Ethylbenzene      ND      20      µg/L      10  
m,p-Xylene      ND      10      µg/L      10  
o-Xylene      ND      10      µg/L      1.0  
Surrogate: 1,2-Dichloroethylene      114      85-115      % Rec      1.0

Reference: EPA 5030/EPA 8021B

Extracted      Analyzed  
4/16/05      4/16/05  
4/16/05      4/16/05  
4/16/05      4/16/05  
4/16/05      4/16/05  
4/16/05      4/16/05  
4/16/05      4/16/05

Test Name: TPH as Gasoline  
Parameter      Result      Limit      Units      DF  
TPHC Gas (C6-C14)      2,900      500      µg/L      10

Reference: EPA 5030/GCFID(LUFT)/EPA 8015B

Extracted      Analyzed  
4/16/05      4/16/05

Client Sample ID: MW-5  
Lab ID: 0504056-06D

Received: 4/4/05

Collected: 4/4/05 11:45

Test Name: TPH as Diesel  
Parameter      Result      Limit      Units      DF  
TPHC Diesel (C12-C22)      450      50      µg/L      1.0  
Surrogate: N-Tricosane      84.3      70-130      % Rec      1.0

Reference: EPA 3510/GCFID(LUFT)/EPA 8015B

Extracted      Analyzed  
4/13/05      4/18/05  
4/13/05      4/18/05

Client Sample ID: MW-5  
Lab ID: 0504056-06F

Received: 4/4/05

Collected: 4/4/05 11:45

Test Name: Alkalinity  
Parameter      Result      Limit      Units      DF  
Alkalinity      190      1.0      mg/L CaCO<sub>3</sub>      1.0

Reference: Std. Meth. 19th Ed. 2320 B

Extracted      Analyzed  
4/11/05      4/11/05

Test Name: Chloride, sulfate, fluoride, bromide  
Parameter      Result      Limit      Units      DF

Reference: EPA 300.0

Extracted      Analyzed

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Date: 20-Apr-05

WorkOrder: 0504056

Sulfate 0.76 0.50 mg/L 1.0 4/5/05

Test Name: Nitrate/Nitrite

Parameter Result Limit Units DF Extracted Analyzed  
Nitrate (as Nitrogen) ND 0.10 mg/L 1.0 4/5/05

## ANALYTICAL REPORT

Client Sample ID: MW-5 (Dissolved)

Received: 4/4/05

Collected: 4/4/05 11:45

Lab ID: 0504056-06Q

Test Name: ICAP Metals with Acid Digestion

Reference: EPA 200.7

Parameter Result Limit Units DF Extracted Analyzed  
Aluminum ND 100 µg/L 1.0 4/4/05 4/14/05  
Iron 22,000 100 µg/L 1.0 4/4/05 4/14/05  
Manganese 3,600 2.0 µg/L 1.0 4/4/05 4/14/05

Client Sample ID: MW-5

Received: 4/4/05

Collected: 4/4/05 11:45

Lab ID: 0504056-06H

Test Name: Chemical Oxygen Demand

Reference: EPA 410.4

Parameter Result Limit Units DF Extracted Analyzed  
Chemical Oxygen Demand 26 5.0 mg/L 1.0 4/7/05 4/7/05

Client Sample ID: MW-4

Received: 4/4/05

Collected: 4/4/05 12:30

Lab ID: 0504056-07A

Test Name: BTEX

Reference: EPA 5030/EPA 8021B

Parameter Result Limit Units DF Extracted Analyzed  
MTBE ND 180 µg/L 10 4/16/05  
Benzene ND 90 µg/L 10 4/16/05  
Toluene ND 300 µg/L 100 4/16/05  
Ethylbenzene 540 50 µg/L 100 4/16/05  
m,p-Xylene ND 40 µg/L 10 4/16/05  
o-Xylene ND 5.0 µg/L 10 4/16/05  
Surrogate: Cis-1,2-Dichloroethylene 113 85-115 % Rec 100 4/16/05

Test Name: TPH as Gasoline

Reference: EPA 5030/GCFID(LUFT)/EPA 8015B

Parameter Result Limit Units DF Extracted Analyzed  
TPHC Gas (C6-C14) 9,100 500 µg/L 10 4/16/05

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NORTH COAST LABORATORIES

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Date: 20-Apr-05

WorkOrder: 0504056

## ANALYTICAL REPORT

Client Sample ID: MW-4

Received: 4/4/05

Collected: 4/4/05 12:30

Lab ID: 0504056-07D

Test Name: TPH as Diesel

Reference: EPA 3510/GCFID(LUFT)/EPA 8015B

Parameter

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Diesel (C12-C22)	2,100	50	µg/L	1.0	4/13/05	4/18/05
Surrogate: N-Tricosane	91.8	70-130	% Rec	1.0	4/13/05	4/18/05

Client Sample ID: MW-4

Received: 4/4/05

Collected: 4/4/05 12:30

Lab ID: 0504056-07F

Test Name: Alkalinity

Reference: Std. Meth. 19th Ed. 2320 B

Parameter

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Alkalinity	480	1.0	mg/L CaCO <sub>3</sub>	1.0		4/11/05

Test Name: Chloride, sulfate, fluoride, bromide

Reference: EPA 300.0

Parameter

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Sulfate	6.1	0.50	mg/L	1.0		4/5/05

Test Name: Nitrate/Nitrite

Reference: EPA 300.0

Parameter

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Nitrate (as Nitrogen)	ND	0.10	mg/L	1.0		4/5/05

Client Sample ID: MW-4

Received: 4/4/05

Collected: 4/4/05 12:30

Lab ID: 0504056-07G

Test Name: Arsenic

Reference: EPA 200.9

Parameter

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Arsenic	ND	10	µg/L	1.0	4/4/05	4/18/05

Test Name: ICAP Metals with Acid Digestion

Reference: EPA 200.7

Parameter

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Aluminum	620	100	µg/L	1.0	4/4/05	4/14/05
Chromium	53	10	µg/L	1.0	4/4/05	4/14/05
Iron	140,000	100	µg/L	1.0	4/4/05	4/14/05
Manganese	5,300	2.0	µg/L	1.0	4/4/05	4/14/05
Nickel	ND	20	µg/L	1.0	4/4/05	4/14/05

Test Name: Lead

Reference: EPA 200.9

Parameter

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Lead	51	10	µg/L	1.0	4/4/05	4/5/05

Date: 20-Apr-05  
WorkOrder: 0504056

## ANALYTICAL REPORT

Client Sample ID: MW-4                          Received: 4/4/05                          Collected: 4/4/05 12:30  
Lab ID: 0504056-07H

Test Name:	Chemical Oxygen Demand	Reference:	EPA 410.4			
Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Chemical Oxygen Demand	240	25	mg/L	5.0	4/12/05	4/12/05

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## North Coast Laboratories, Ltd.

Date: 20-Apr-05

## QC SUMMARY REPORT

Method Blank

**CLIENT:** Pvt. cust. paying on pickup  
**Work Order:** 0504056  
**Project:** 093168, Price Trust Properties

Sample ID:	Batch ID:	Test Code:	Units:	Analysis Date:	Prep Date:						
Client ID:		Run ID:	µg/L	SeqNo:							
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	% RPD	RPDLimit	Qual
Arsenic	ND	10									
Sample ID: MB-415/05	Batch ID: R34408	Test Code: BTXEW	Units: µg/L	Analysis Date: 4/15/05 7:38:17 PM	Prep Date:						
Client ID:		Run ID: ORGC8_050445B		SeqNo:							
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	% RPD	RPDLimit	Qual
MTBE	ND	3.0									
Benzene	ND	0.50									
Toluene	ND	0.50									
Ethylbenzene	ND	0.50									
m,p-Xylenes	ND	0.50									
c,Xylene	ND	0.50									
Cis-1,2-Dichloroethylene	0.386	0.10	1.00	0	88.6%	85	115	0			
Sample ID: MBLK	Batch ID: R34319	Test Code: CODW	Units: mg/L	Analysis Date: 4/7/05	Prep Date: 4/7/05						
Client ID:		Run ID: WC_050407I		SeqNo:							
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	% RPD	RPDLimit	Qual
Chemical Oxygen Demand	ND	5.0									
Sample ID: MBLK	Batch ID: R34353	Test Code: CODW	Units: mg/L	Analysis Date: 4/12/05	Prep Date: 4/12/05						
Client ID:		Run ID: WC_050412G		SeqNo:							
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	% RPD	RPDLimit	Qual
Chemical Oxygen Demand	ND	5.0									

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limit's

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

**CLIENT:** Pvt cust. paying on pickup  
**Work Order:** 0504056  
**Project:** 093168, Price Trust Properties

### QC SUMMARY REPORT

Method Blank

Sample ID: MBLK 040505	Batch ID: R34218	Test Code: ICIONW	Units: mg/L	Analysis Date: 4/5/05 10:47:57 AM			Prep Date:					
Client ID:	Run ID: INIC2_050405B	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	% RPD	RPD Limit	Qual	J
Sulfate	ND	0.50										
Sample ID: MBLK 040505	Batch ID: R34214	Test Code: ICNOW	Units: mg/L	Analysis Date: 4/5/05 10:47:57 AM			Prep Date:					
Client ID:	Run ID: INIC2_050405A	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	% RPD	RPD Limit	Qual	J
Analyte	Result											
Nitrate (as Nitrogen)	ND	0.10										
Sample ID: MB-13266P	Batch ID: 13266	Test Code: ICPX	Units: ug/L	Analysis Date: 4/14/05 1:23:00 PM			Prep Date: 4/4/05					
Client ID:	Run ID: INICP1_050444B	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	% RPD	RPD Limit	Qual	J
Analyte	Result											
Aluminum	11.00	100										
Chromium	ND	10										
Iron	ND	100										
Manganese	ND	2.0										
Nickel	ND	20										
Sample ID: MB-13266A	Batch ID: 13266	Test Code: PB200.9X	Units: ug/L	Analysis Date: 4/5/05 5:47:00 PM			Prep Date: 4/4/05					
Client ID:	Run ID: INAA2_050405C	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	% RPD	RPD Limit	Qual	J
Analyte	Result											
Lead	ND	10										
Sample ID: MB-4/15/05	Batch ID: R34407	Test Code: TPHCGW	Units: ug/L	Analysis Date: 4/15/05 7:38:17 PM			Prep Date:					
Client ID:	Run ID: ORGCB_050415A	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	% RPD	RPD Limit	Qual	J
Analyte	Result											
TPHC Gas (C6-C14)	ND	50										
Qualifiers:	S - Spike Recovery outside accepted recovery limits J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits											B - Analyte detected in the associated Method Blank

**CLIENT:** Pvt cust, paying on pickup  
**Work Order:** 0504056  
**Project:** 093168, Price Trust: Properties

**QC SUMMARY REPORT**  
Method Blank

Sample ID: <b>MB-13327</b>	Batch ID: <b>13327</b>	Test Code: <b>TPHDW</b>	Units: <b>µg/L</b>	Analysis Date: <b>4/18/05 4:58:12 PM</b>	Prep Date: <b>4/11/05</b>
Client ID:	Run ID:	ORGC7_050418A	SeqNo: <b>499276</b>	LowLimit	HighLimit
Analyte	Result	Limit	SPK Value	SPK Ref Val	% Rec
TPHC Diesel (C12-C22)	ND	50	0	90.7%	70
N-Tricosane	45.3	0.10	50.0	0	130

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

## North Coast Laboratories, Ltd.

Date: 20-Apr-05

**QC SUMMARY REPORT**  
Laboratory Control Spike

**CLIENT:** Pvt cust. paying on pickup  
**Work Order:** 0504056  
**Project:** 093168, Price Trust Properties

Sample ID:	LCS-13266A	Batch ID:	13266	Test Code:	AS200.9X	Units:	µg/L			Analysis Date:	4/18/05 3:20:00 PM	Prep Date:	4/4/05
Client ID:		Run ID:		INAA2_	050418A			SeqNo:		499023		% RPD	RPD Limit
Analyte		Result		Limit	SPK value	SPK RefVal	% Rec	LowLimit	HighLimit	RPD RefVal		% RPD	RPD Limit
Arsenic		21.18	10	20.0	0	106%	85	115	0				
Sample ID:	LCS-05259	Batch ID:	R34408	Test Code:	BTXEW	Units:	µg/L			Analysis Date:	4/15/05 3:29:23 PM	Prep Date:	
Client ID:		Run ID:		ORGCB_	050415B			SeqNo:		498863		% RPD	RPD Limit
Analyte		Result		Limit	SPK value	SPK RefVal	% Rec	LowLimit	HighLimit	RPD RefVal		% RPD	RPD Limit
MTBE	45.55	3.0	40.0	0	114%	85	115	115	0				
Benzene	5.027	0.50	5.00	0	101%	85	115	115	0				
Toluene	4.836	0.50	5.00	0	96.7%	85	115	115	0				
Ethylbenzene	4.761	0.50	5.00	0	95.2%	85	115	115	0				
m,p-Xylene	9.637	0.50	10.0	0	96.4%	85	115	115	0				
o-Xylene	4.842	0.50	5.00	0	96.8%	85	115	115	0				
Cis-1,2-Dichloroethylene	1.06	0.10	1.00	0	106%	85	115	115	0				
Sample ID:	LCSD-05259	Batch ID:	R34408	Test Code:	BTXEW	Units:	µg/L			Analysis Date:	4/15/05 4:05:18 PM	Prep Date:	
Client ID:		Run ID:		ORGCB_	050415B			SeqNo:		498864		% RPD	RPD Limit
Analyte		Result		Limit	SPK value	SPK RefVal	% Rec	LowLimit	HighLimit	RPD RefVal		% RPD	RPD Limit
MTBE	44.37	3.0	40.0	0	111%	85	115	115	45.6		2.63%	15	
Benzene	4.973	0.50	5.00	0	99.5%	85	115	115	5.03		1.07%	15	
Toluene	4.862	0.50	5.00	0	97.2%	85	115	115	4.84		0.351%	15	
Ethylbenzene	4.812	0.50	5.00	0	96.2%	85	115	115	4.76		1.06%	15	
m,p-Xylene	9.725	0.50	10.0	0	97.2%	85	115	115	9.64		0.904%	15	
o-Xylene	4.865	0.50	5.00	0	97.3%	85	115	115	4.84		0.467%	15	
Cis-1,2-Dichloroethylene	1.00	0.10	1.00	0	100%	85	115	115	1.06		6.27%	15	

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

**CLIENT:** Pvt cust paying on pickup  
**Work Order:** 0504056  
**Project:** 093168, Price Trust Properties

**OC SUMMARY REPORT**  
 Laboratory Control Spike

Sample ID: LCS	Batch ID: R34319	Test Code: CODW	Units: mg/L	Analysis Date: 4/7/05			Prep Date: 4/7/05		
Client ID:	Run ID: WC_0504071	Run ID: WC_0504071	SPK RefVal	% Rec	LowLimit	HighLimit	RPD RefVal	% RPD	RPD Limit
Analyte	Result	Limit	SPK value	% Rec	LowLimit	HighLimit	RPD RefVal	% RPD	RPD Limit
Chemical Oxygen Demand	54.44	5.0	50.0	0	109%	85	117	0	
Sample ID: LCSD	Batch ID: R34319	Test Code: CODW	Units: mg/L	Analysis Date: 4/7/05			Prep Date: 4/7/05		
Client ID:	Run ID: WC_0504071	Run ID: WC_0504071	SPK RefVal	% Rec	LowLimit	HighLimit	RPD RefVal	% RPD	RPD Limit
Analyte	Result	Limit	SPK value	% Rec	LowLimit	HighLimit	RPD RefVal	% RPD	RPD Limit
Chemical Oxygen Demand	50.03	5.0	50.0	0	100%	85	117	54.4	8.44%
Sample ID: LCS	Batch ID: R34358	Test Code: CODW	Units: mg/L	Analysis Date: 4/12/05			Prep Date: 4/12/05		
Client ID:	Run ID: WC_050412G	Run ID: WC_050412G	SPK RefVal	% Rec	LowLimit	HighLimit	RPD RefVal	% RPD	RPD Limit
Analyte	Result	Limit	SPK value	% Rec	LowLimit	HighLimit	RPD RefVal	% RPD	RPD Limit
Chemical Oxygen Demand	54.44	5.0	50.0	0	109%	85	117	0	
Sample ID: LCSD	Batch ID: R34358	Test Code: CODW	Units: mg/L	Analysis Date: 4/12/05			Prep Date: 4/12/05		
Client ID:	Run ID: WC_050412G	Run ID: WC_050412G	SPK RefVal	% Rec	LowLimit	HighLimit	RPD RefVal	% RPD	RPD Limit
Analyte	Result	Limit	SPK value	% Rec	LowLimit	HighLimit	RPD RefVal	% RPD	RPD Limit
Chemical Oxygen Demand	50.03	5.0	50.0	0	100%	85	117	54.4	8.44%
Sample ID: LCS 04050501	Batch ID: R34218	Test Code: ICIONW	Units: mg/L	Analysis Date: 4/5/05 11:03:35 AM			Prep Date:		
Client ID:	Run ID: INIC2_050405B	Run ID: INIC2_050405B	SPK RefVal	% Rec	LowLimit	HighLimit	RPD RefVal	% RPD	RPD Limit
Analyte	Result	Limit	SPK value	% Rec	LowLimit	HighLimit	RPD RefVal	% RPD	RPD Limit
Sulfate	10.20	0.50	10.0	0	102%	90	110	0	

Qualifiers:

ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

**QC SUMMARY REPORT**  
Laboratory Control Spike

**CLIENT:** Pvt cust, paying on pickup  
**Work Order:** 0504056  
**Project:** 093168, Price Trust Properties

Sample ID:	LCS 04050501	Batch ID:	R34214	Test Code:	ICNOW	Units:	ng/L			Analysis Date:	4/5/05 11:03:35 AM	Prep Date:		
Client ID:		Run ID:	INIC2_050405A <th>Result</th> <th>Limit</th> <th>SPK value</th> <th>SPK Ref Val</th> <th>% Rec</th> <th>LowLimit</th> <th>HighLimit</th> <th>RPD Ref Val</th> <th>% RPD</th> <th>RPD Limit</th> <th>Qual</th>	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	% RPD	RPD Limit	Qual
Analyte	Nitrate (as Nitrogen)	0.9583	0.10	1.00	0			99.8%	90	110	0			
Sample ID:	LCS-13266P	Batch ID:	13266	Test Code:	ICPX	Units:	µg/L			Analysis Date:	4/14/05 1:27:00 PM	Prep Date:	4/4/05	
Client ID:		Run ID:	INICP1_050414B	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	% RPD	RPD Limit	Qual
Analyte	Aluminum	494.3	100	500	0			98.9%	85	115	0			
Chromium	505.4	10	500	0				101%	85	115	0			
Iron	493.2	100	500	0				98.6%	85	115	0			
Manganese	507.2	2.0	500	0				101%	85	115	0			
Nickel	500.0	20	500	0				100%	85	115	0			
Sample ID:	LCS-13266A	Batch ID:	13266	Test Code:	PB200.9X	Units:	µg/L			Analysis Date:	4/5/05 6:03:00 PM	Prep Date:	4/4/05	
Client ID:		Run ID:	INAA2_050405C	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	% RPD	RPD Limit	Qual
Analyte	Lead	41.87	10	40.0	0			105%	85	115	0			
Sample ID:	LCS-05260	Batch ID:	R34407	Test Code:	TPHCGW	Units:	µg/L			Analysis Date:	4/15/05 5:16:38 PM	Prep Date:		
Client ID:		Run ID:	ORGCB_050415A	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	% RPD	RPD Limit	Qual
Analyte	TPHC Gas (C6-C14)	560.0	50	500	0			112%	81	126	0			
Sample ID:	LCSD-05260	Batch ID:	R34407	Test Code:	TPHCGW	Units:	µg/L			Analysis Date:	4/15/05 5:52:14 PM	Prep Date:		
Client ID:		Run ID:	ORGCB_050415A	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	% RPD	RPD Limit	Qual
Analyte	TPHC Gas (C6-C14)	561.1	50	500	0			112%	81	126	560	0.204%	15	

B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

Qualifiers: ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

**CLIENT:** Pvt cust. paying on pickup  
**Work Order:** 0504056  
**Project:** 093168, Price Trust Properties

**QC SUMMARY REPORT**  
Laboratory Control Spike

Sample ID: LCS-13327	Batch ID: 13327	Test Code: TPHDW	Units: µg/L	Analysis Date: 4/18/05 3:24:51 PM			Prep Date: 4/18/05				
Client ID:	Run ID: ORGC7_050418A	Limit	SPK value	SPK Ref Val	% Rec	Low/Limit	High/Limit	RPD Ref Val	% RPD	RPD Limit	Qual
TPHC Diesel (C12-C22)	381.8	50	500	0	76.4%	67	120	0	0	0	S
N-Tricosane	48.0	0.10	50.0	0	96.0%	70	130	0	0	0	R

Sample ID: LCSD-13327	Batch ID: 13327	Test Code: TPHDW	Units: µg/L	Analysis Date: 4/18/05 3:43:28 PM			Prep Date: 4/18/05				
Client ID:	Run ID: ORGC7_050418A	Limit	SPK value	SPK Ref Val	% Rec	Low/Limit	High/Limit	RPD Ref Val	% RPD	RPD Limit	Qual
TPHC Diesel (C12-C22)	391.1	50	500	0	78.2%	67	120	382	2.42%	15	S
N-Tricosane	49.1	0.10	50.0	0	98.1%	70	130	48.0	2.19%	15	J

Qualifiers:  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

**NORTH COAST  
LABORATORIES LTD.**



5680 West End Road • Arleta, CA 91332-19202  
Phone: 800-822-4645 Fax: 707-822-6831

## Chain of Custody

Attention: Charelene Patterson  
Results & Invoice to: Patterson Accounting Corrections  
Addressed to: Los Micos Sand & Gravel

San Clemente, CA 92673-2841  
Phone: (949) 493-8200  
Copies of Report to: SAN Roland Reebon

812 W. Walsh Ave. Encino, CA 91330-2138  
Sampler (Sign & Print): David R. Paine

### PROJECT INFORMATION

Project Number: 093168  
Project Name: Pike's Trust Properties  
Purchase Order Number:

ANALYSIS	COUNTAINER	RESCERVAIVE
TPH(1)	NO <sub>3</sub> 324 Alk	X
TPH(2)	NO <sub>3</sub> 324 Alk	X
TPH(3)	NO <sub>3</sub> 324 Alk	X
TPH(4)	NO <sub>3</sub> 324 Alk	X
TPH(5)	NO <sub>3</sub> 324 Alk	X
TPH(6)	NO <sub>3</sub> 324 Alk	X
TPH(7)	NO <sub>3</sub> 324 Alk	X
TPH(8)	NO <sub>3</sub> 324 Alk	X
TPH(9)	NO <sub>3</sub> 324 Alk	X
TPH(10)	NO <sub>3</sub> 324 Alk	X
TPH(11)	NO <sub>3</sub> 324 Alk	X
TPH(12)	NO <sub>3</sub> 324 Alk	X
TPH(13)	NO <sub>3</sub> 324 Alk	X
TPH(14)	NO <sub>3</sub> 324 Alk	X
TPH(15)	NO <sub>3</sub> 324 Alk	X
TPH(16)	NO <sub>3</sub> 324 Alk	X
TPH(17)	NO <sub>3</sub> 324 Alk	X
TPH(18)	NO <sub>3</sub> 324 Alk	X
TPH(19)	NO <sub>3</sub> 324 Alk	X
TPH(20)	NO <sub>3</sub> 324 Alk	X
TPH(21)	NO <sub>3</sub> 324 Alk	X
TPH(22)	NO <sub>3</sub> 324 Alk	X
TPH(23)	NO <sub>3</sub> 324 Alk	X
TPH(24)	NO <sub>3</sub> 324 Alk	X
TPH(25)	NO <sub>3</sub> 324 Alk	X
TPH(26)	NO <sub>3</sub> 324 Alk	X
TPH(27)	NO <sub>3</sub> 324 Alk	X
TPH(28)	NO <sub>3</sub> 324 Alk	X
TPH(29)	NO <sub>3</sub> 324 Alk	X
TPH(30)	NO <sub>3</sub> 324 Alk	X
TPH(31)	NO <sub>3</sub> 324 Alk	X
TPH(32)	NO <sub>3</sub> 324 Alk	X
TPH(33)	NO <sub>3</sub> 324 Alk	X
TPH(34)	NO <sub>3</sub> 324 Alk	X
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TPH(36)	NO <sub>3</sub> 324 Alk	X
TPH(37)	NO <sub>3</sub> 324 Alk	X
TPH(38)	NO <sub>3</sub> 324 Alk	X
TPH(39)	NO <sub>3</sub> 324 Alk	X
TPH(40)	NO <sub>3</sub> 324 Alk	X
TPH(41)	NO <sub>3</sub> 324 Alk	X
TPH(42)	NO <sub>3</sub> 324 Alk	X
TPH(43)	NO <sub>3</sub> 324 Alk	X
TPH(44)	NO <sub>3</sub> 324 Alk	X
TPH(45)	NO <sub>3</sub> 324 Alk	X
TPH(46)	NO <sub>3</sub> 324 Alk	X
TPH(47)	NO <sub>3</sub> 324 Alk	X
TPH(48)	NO <sub>3</sub> 324 Alk	X
TPH(49)	NO <sub>3</sub> 324 Alk	X
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TPH(51)	NO <sub>3</sub> 324 Alk	X
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TPH(68)	NO <sub>3</sub> 324 Alk	X
TPH(69)	NO <sub>3</sub> 324 Alk	X
TPH(70)	NO <sub>3</sub> 324 Alk	X
TPH(71)	NO <sub>3</sub> 324 Alk	X
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TPH(74)	NO <sub>3</sub> 324 Alk	X
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TPH(76)	NO <sub>3</sub> 324 Alk	X
TPH(77)	NO <sub>3</sub> 324 Alk	X
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TPH(79)	NO <sub>3</sub> 324 Alk	X
TPH(80)	NO <sub>3</sub> 324 Alk	X
TPH(81)	NO <sub>3</sub> 324 Alk	X
TPH(82)	NO <sub>3</sub> 324 Alk	X
TPH(83)	NO <sub>3</sub> 324 Alk	X
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TPH(85)	NO <sub>3</sub> 324 Alk	X
TPH(86)	NO <sub>3</sub> 324 Alk	X
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TPH(91)	NO <sub>3</sub> 324 Alk	X
TPH(92)	NO <sub>3</sub> 324 Alk	X
TPH(93)	NO <sub>3</sub> 324 Alk	X
TPH(94)	NO <sub>3</sub> 324 Alk	X
TPH(95)	NO <sub>3</sub> 324 Alk	X
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TPH(97)	NO <sub>3</sub> 324 Alk	X
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TPH(101)	NO <sub>3</sub> 324 Alk	X
TPH(102)	NO <sub>3</sub> 324 Alk	X
TPH(103)	NO <sub>3</sub> 324 Alk	X
TPH(104)	NO <sub>3</sub> 324 Alk	X
TPH(105)	NO <sub>3</sub> 324 Alk	X
TPH(106)	NO <sub>3</sub> 324 Alk	X
TPH(107)	NO <sub>3</sub> 324 Alk	X
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TPH(116)	NO <sub>3</sub> 324 Alk	X
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TPH(125)	NO <sub>3</sub> 324 Alk	X
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TPH(127)	NO <sub>3</sub> 324 Alk	X
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TPH(230)	NO <sub>3</sub> 324 Alk	X
TPH(231)	NO <sub>3</sub> 324 Alk	X
TPH(232)	NO <sub>3</sub> 324 Alk	X
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TPH(235)	NO <sub>3</sub> 324 Alk	X
TPH(236)	NO <sub>3</sub> 324 Alk	X
TPH(237)	NO <sub>3</sub> 324 Alk	X
TPH(238)	NO <sub>3</sub> 324 Alk	X
TPH(239)	NO <sub>3</sub> 324 Alk	X
TPH(240)	NO <sub>3</sub> 324 Alk	X
TPH(241)	NO <sub>3</sub> 324 Alk	X
TPH(242)	NO <sub>3</sub> 324 Alk	X
TPH(243)	NO <sub>3</sub> 324 Alk	X
TPH(244)	NO <sub>3</sub> 324 Alk	X
TPH(245)	NO <sub>3</sub> 324 Alk	X
TPH(246)	NO <sub>3</sub> 324 Alk	X
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TPH(252)	NO <sub>3</sub> 324 Alk	X
TPH(253)	NO <sub>3</sub> 324 Alk	X
TPH(254)	NO <sub>3</sub> 324 Alk	X
TPH(255)	NO <sub>3</sub> 324 Alk	X
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TPH(257)	NO <sub>3</sub> 324 Alk	X
TPH(258)	NO <sub>3</sub> 324 Alk	X
TPH(259)	NO <sub>3</sub> 324 Alk	X
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TPH(261)	NO <sub>3</sub> 324 Alk	X
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TPH(263)	NO <sub>3</sub> 324 Alk	X
TPH(264)	NO <sub>3</sub> 324 Alk	X
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TPH(267)	NO <sub>3</sub> 324 Alk	X
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TPH(269)	NO <sub>3</sub> 324 Alk	X
TPH(270)	NO <sub>3</sub> 324 Alk	X
TPH(271)	NO <sub>3</sub> 324 Alk	X
TPH(272)	NO <sub>3</sub> 324 Alk	X
TPH(273)	NO <sub>3</sub> 324 Alk	